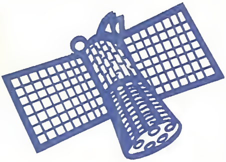
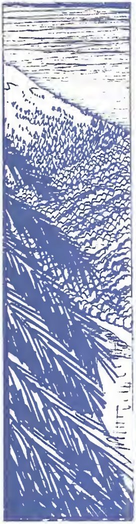
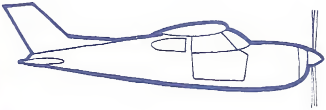
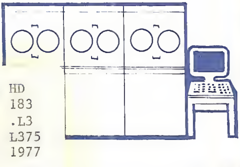




PHASE I DRD
Unit Resource Analysis





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1977

BUREAU OF LAND MANAGEMENT

User Requirement Specifications

Range

ISO LIBRARY

IN ORDER TO VISUALIZE THE GENERAL CONCEPT OF INTERFACING WITH A LARGE SCALE AUTOMATED SYSTEM, THE REVIEWER(S) OF THIS DOCUMENT SHOULD BE FAMILIAR WITH THE "USER INTERFACE INTRODUCTION" UNDER SEPARATE COVER.

#1760135

ID 88001627

HD
183
.L3
L375
1977

USER SPECIFICATIONS
For
RANGE
RESOURCE INVENTORY
And
UNIT RESOURCE ANALYSIS
DATA SYSTEM

PHASE I

DETAILED REQUIREMENTS DEFINITION

OCTOBER, 1977

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RANGE

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5.	INFORMATION FLOW	R5-(1-8)
6.	OUTPUTS	R6-(1-150)
7.	INPUTS	R7-(1-44)

1. Introduction

This package covers the status of the Range DRD effort of the Strategic Plan. Specifically, it covers the work done in identifying user requirements for Step 1, Phase I of the Strategic Plan (Detailed Requirements Definitions for Resource Inventory and Steps 3 and 4 of Unit Resource Analysis (URA)).

The objectives of the Range DRD effort were to:

1. Identify the jobs or tasks the range specialists in the field do that apply to Resource Inventory, URA 3 and 4. (This was done using hierarchy charts.)

2. Identify the needed output data, the input data necessary to produce the output, and the process required to manipulate the data. (This was done using IPOs (Input-Process-Output sheets).)

3. Identify the frequency and volume of the collection and use of the data.

4. Compile a list of data elements needed on inputs and outputs, define them accurately and develop a list of codes where applicable.

5. Resolve duplicate and redundant data through a conflict resolution involving all resource areas as well as the range subsystems.

4

The above tasks were accomplished as follows:

1. Initially, the Range DRD effort was divided into eight subsystems representing specific areas of data involved in the Range Program. The Range subsystems were identified as Studies (0131), EIS (0132), Plants (0133), AMP (0134), Admin. (0135), Improvements (0136), Wild Horses and Burros (0137) and AMP Benefit/Cost (0138).

Through field team efforts during 1976, user information requirements (inputs, processes and outputs) were identified for each of these Range subsystems. An abundance of data requirements were identified and documented by these field teams.

2. Next, the DRD core team studied and evaluated these needs under the guidelines of DRD Phase I of the Strategic Plan. Some of the products and requirements went beyond the scope of "DRD" Phase I and were pulled out and deferred for a more appropriate phase of the Strategic Plan. This was due primarily to the magnitude of data requirements identified and because of manpower limitations and time restrictions. The deferred requirements basically were two Range subsystems (ADMIN (0135) and AMP Benefit/Cost (0138)).

Also there were some duplicate or similar products identified. These were combined where applicable with adjustments made to the original input and output formats. These developments resulted in a consolidation of Range data requirements into a single resource package. Therefore, this package covers and is limited to the requirements (outputs and inputs) of Range information associated with Resource Inventory and Unit Resource Analysis and should be reviewed in this context.

FIELD PERSONNEL ASSIGNED TO DRD TEAMS FOR RANGE MANAGEMENT

1. Range Studies Team

Name	Office
Floyd Kinsinger	Denver (local)
Vern Schultz	Winnemucca, Nevada
Dennis Johnson	Riverside, California
Mike Phillips	Boise, Idaho
Rod Harris	Washington, D.C.
Jack Albright	Canon City, Colorado

2. Range EIS Team

Paul Leonard	Washington, D.C.
John Baker	Denver (local)
Donny Sparks	Albuquerque, New Mexico
Ron Julian	Santa Fe, New Mexico

3. Range Plants Team

David Wilson	Denver (local)
Warren Sandau	Portland, Oregon
Duane Atwood	Cedar City, Utah
Jim Fox	Washington, D.C.
Virgil Hart	Phoenix, Arizona

4. AMP Econ. Analysis Team

Dave Walter	Wahsington, D.C.
Adrian Hutchens	Denver (local)
Ed Parsons	Denver (local)
Stan Detering	Portland, Oregon
Marvin Weiss	Phoenix, Arizona

5. Range Administration Team

Thane Johnson	Denver (local)
Nick Cozakos	Burley, Idaho
John Riley	Denver (local)
Al Logosz	Salt Lake City, Utah
Vince Qgurels	Phoenix, Arizona
Gene Kinch	Rawlins, Wyoming

6. AMP Team

Name	Office
Hugh Harper	Reno, Nevada
Merrill DeSpain	Denver (local)
Ron Clark	Reno, Nevada
Lanny Wilson	Boise, Idaho
Duane Whitmer	Billings, Montana

7. Range Improvement Team

Allan Tripp	Boise, Idaho
Warran Sandau	Portland, Oregon
Glen Stickley	Winnemucca, Nevada
Jim Davis	Las Cruces, New Mexico
Herman Kast	Susanville, California
Ron Younger	Washington, D.C.

8. Wild Horse and Burrow Team

Milt Frei	Denver (local)
Bill Lawhorn	Meeker, Colorado
Glen Martin	Phoenix, Arizona
Larry Lee	Portland, Oregon
Ron Hall	Salt Lake City, Utah

7

2. Processing Requirements

This package includes 150 output and 45 associated input documents. These documents are those identified as standard products needed to support Phase I DRD.

The outputs consist of maps, overlays, graphs, reports, tables and narratives. These are proposed for either hard copy or terminal (CRT) display. This does not imply that these are the only outputs that can be generated. They are the initial goal of the system design phase. There will be an "English language" query capability for ad hoc reports.

The inputs are those required for creation and maintenance of the Range data base. They consist of maps, overlays and data forms and contain only range-related information. Input data from other resource areas are also needed to produce the outputs (e.g., Land ownership and use data from the Lands system, water data from the Watershed system, etc.). These other resource input data requirements are listed on the Information Flow.

The above inputs are those which BLM will provide. In addition, there are other proposed automated input sources which are described in the Probable Impacts Section.

The frequency and volume figures for the enclosed inputs and outputs are estimates of an operational system and therefore do not indicate the volume of data required to initially load the data base. In some locations this may be a considerable effort, but may be offset to some extent if automated sources are used.

The enclosed URA narratives will be based on the requirements of the URA manual (1605). The automated system will provide, at a minimum, the supporting tables and overlays. However, the generation of the narrative may be aided by the text processing capability of the new computer.

9

3. Probable Impacts

The establishment of a data base for the Range Management program involves inventory data for animal grazing and forage preferences, historical livestock use, present and potential vegetative production and range use, plant species and ground cover data, present and potential range facilities, land treatments and livestock, wild horse and burro use.

The present proposed data base is capable of generating many of the outputs required in later phases.

SIM furnishes much of the data base. Any changes in, or discarding of components, could negate many of the outputs.

4. Summary Review Questions

Although many output duplications were resolved, several still exist. Within the range program, similar forms were consolidated where we were sure of maintaining the field teams' intent. Other outputs similar in content are still in the system. Some duplication was caused by a late insertion of the exact requirements of the present URA Manual, 1605.

Time did not permit a complete review between activities of all finished outputs. Therefore, duplications are expected. Not all required data elements are listed in the dictionary. Coding and other corrections are necessary in others.

Review the following documents as shown below:

1. Data Source Description (Input). Review all items and make changes directly on the Data Source Description.

2. Outputs Samples. Review for content, format and layout. Any suggestions that will cause a major change in the form requires the suggestor to redesign the form. (For example: Output form 3286 is crammed to the maximum to stay within 8x10 1/2 size as suggested by the field team. Any additional information would require complete redesign of the form.)

Review with regard to similar outputs in the Range Systems and other activities. Make suggestions for consolidation, abandonment or preference.

3. Inputs Samples. Review as advised for outputs.

5. Overall. Any non-obvious suggestions should be backed up by a reason. All suggestions will be considered.

5. INFORMATION FLOW (Pg 1 of 8) RANGE (Systems 0131-0138)

INPUTS

(Lands and Minerals Ownership and Use Data)- - - - - - - - - - - -

Cooperative Agreement Data Form------------- 3202

Job Documentation Report Form (revised)-------- 3230

Assignment of Range Improvements Form----- 3234

Summary of Proposed Projects------------- 3240

(Cultural and Paleontological Data) - -

(Visual Resource Management Data)----- - -

(Floristic Inventory Data)---------------- - -

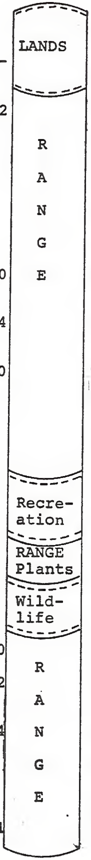
(Faunal Inventory Data)---------------- - -

RMAS Grazing Schedule Form (amended)-------- 3250

RMAS Allotment Record Form----------------- 3252

RMAS Operator Record Form----------------- 3254

Existing Allotments and Range Improvements Overlay--------------- 3261



(Data Base)

OUTPUTS

3210 ----- Allotment Land Ownership Jurisdiction and Control

3212 ----- Acreage Controlled By Operator

3214 ----- Cooperative Agreement Listing

3216 ----- Cooperative Agreement Overlay

3218 ----- Lands and Minerals Use Listing

3220 ----- Lands and Minerals Use Overlay

3236 ----- Job Inventory Report and Narrative

3238 ----- Job Report

3244 ----- Proposed Range Facilities

3245 ----- Proposed Land Treatments For Allotments

3248 ----- Proposed Job Site Values Restricting Survey or Construction

3256 ----- Historic Livestock Use

3257 ----- Grazing Preference List

3258 ----- Operator's Yearlong Operation

3259 ----- Use and Production on Non-Federal Dependent Land

3260 ----- Grazing Use By Allotments

3261 ----- Existing Allotments and Range Improvements Overlay and Narrative

5. INFORMATION FLOW (continued) RANGE

(Pg 2 of 8)

INPUTS

Grazing Administration Overlay------------- 3264

Range Management Opportunity Overlay------ 3268

Site Writeup Areas Input Map----------- 3270

Site Writeup V-1 Data (Step-Point)--------- 3272

Site Writeup V-2 Data (Vegetative Characterization)--------- 3273

Site Writeup V-3 Data (Weight Estimate and Dropping Count)----- 3274

Weighted Average Utilization--------- 3276

Weighted Average Phenology----------- 3277

Production per Unit Area By Phenology Stage-- 3278

Average Availability by Location--------- 3280

Proper Use Tables----- 3281

Documentation of Comparison Areas---- 3284

Suitability Analysis By Site Writeup----- 3287

R
A
N
G
E

(Data Base)

OUTPUTS

3262 ----- Allotment Present Production Table and Narrative

3264 ----- Grazing Administration Overlay and Narrative

3268 ----- Range Management Opportunity Overlay and Narrative

3269 ----- Forage Potential By Allotment Table and Narrative

3271 ----- Site Writeup Overlay

3272 ----- Site Writeup V-1 Data (Step-Point)

3273 ----- Site Writeup V-2 Data (Vegetative Characterization)

3274 ----- Site Writeup V-3 Data (Weight Estimate and Dropping Count)

3275 ----- Site Writeup Area Production Summary

3276 ----- Weighted Average Utilization

3277 ----- Weighted Average Phenology

3278 ----- Production per Unit Area By Phenology Stage

3279 ----- Site Writeup Area Grazing Capacity Summary by Animal Species

3280 ----- Average Availability by Location

3281 ----- Proper Use Tables

3282 ----- Site Writeup Area Ecological Condition

3283 ----- Site Writeup Area Apparent Trend

3284 ----- Documentation of Comparison Areas

3285 ----- Suitability Overlay

3286 ----- Grazing Capacity By Suit. and Veg. Sub-type

3287 ----- Suitability Analysis By Site Writeup

3288 ----- Grazing Capacity Summary By Ownership

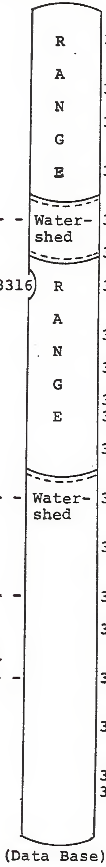
3289 ----- Grazing Capacity By Suit. and Site Writeup

5. INFORMATION FLOW (continued) RANGE

(Pg 3 of 8)

INPUTS

OUTPUTS



(Climatic Data)- - - - - - - -

Other Unusual Events Causing Vegetation Changes-------------- 3316

(Air Quality Data) - - - - - -

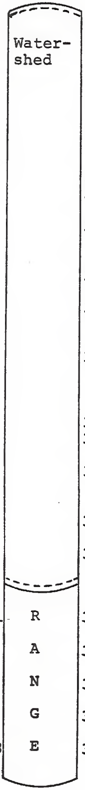
(Geologic Data)- - - - - - -

(Soil Properties Inventory Data) - - - - - - - - - - -

3290 ----- Grazing Capacity Summary By Suitability, Acreage and AUMS
3292 ----- Treatment Opportunities Overlay
3294 ----- Potential By Treatment Opportunity By Site Writeup
3296 ----- Allotment Range Condition and Trend Summary
3312 ----- Unusual Events Causing Vegetation Changes
3314 ----- Mean Temperature Report
3316 ----- Other Unusual Events Causing Vegetation Changes
3330 ----- Summary of Precipitation Data
3332 ----- Summary of Temperature Data
3334 ----- Frost Free Periods
3336 ----- Summary of Air Movement Data
3338 ----- Summary of Evapo-Transpiration Data
3340 ----- Existing Concentrations of Air Pollutants Compared to Standards
3342 ----- Existing Concentrations of Air Pollutants Causing Odors
3350 ----- Physical Characteristics of Geological Formations
3352 ----- Geologic Formations Overlay
3360 ----- Summary of Chemical and Physical Soil Characteristics
3362 ----- Interpretation of Soil Properties For Engineering Uses
3364 ----- Soil Phases Overlay
3366 ----- Potential Productivity of Soil Phases

5. INFORMATION FLOW (continued) RANGE

(Pg 4 of 8)



(Data Base)

INPUTS		OUTPUTS
(Soil Erosion Condition Data) - - - - - - - - - -	3368	Erosion Condition Classes
	3370	Average Sediment Yield From Different Vegetative Soil Types
	3372	Annual Sediment Yield By Pasture
	3374	Erosion Condition Classes Overlay
(Surface Water Data) - - - -	3380	Stream Resources
	3382	Other Surface Water Resources
	3384	Type and Location of Surface Water Resources Overlay
	3386	Runoff By Site Vegetation Subtype
	3388	Water Quality Properties
(Natural Surface Water Resources Data) - - - - -	3390	Water Quality and Production of Water Resources
(Underground Water Resources Data) - - - - -	3400	Ground Water Resources
	3402	Chemical Analysis of Water From Wells
(Aquifer Data) - - - - - - -	3404	Aquifers and Water Level Contours Overlay
(Individual Well Site Investigation Data) - - -	3410	Summary of Well Site Investigations
(Well Site Investigation Location Data) - - - - -	3412	Well Site Investigation Location Overlay
Ecological/Floristic Plant Species Field Data Report Form------ 3421	3420	Ecological/Floristic Plant Species List
	3422	Detailed Plant Species List
	3424	Plant Species Basic Data Report
	3426	Unique Plant Species Inventory
Phenology Inventory Input Form----------- 3428	3428	Phenology Inventory

5. INFORMATION FLOW (continued) RANGE

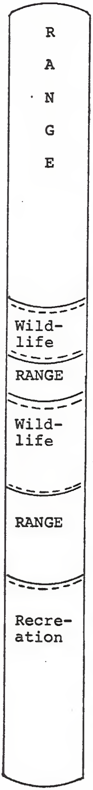
(Pg 5 of 8)

INPUTS

Location of Unique Plant Species Overlay------ 3440

(Fish and Wildlife Inventory Data)- - - - -
Animal Distribution Overlay------------- 3461
Animal Species and Habitat Data--------- 3460
(Forage and Animal Fecal Analysis Data) - - - - -

(Visual and Scenic Quality Inven. Data) - -
(Scenery Quality Delineation Overlay) - -
(Visual Sensitivity Levels Overlay)- - - - -
(Visual Management Units Overlay) - - - - -



(Data Base)

OUTPUTS

3440 ----- Location of Unique Plant Species Overlay and Narrati
3442 ----- Vegetation Subtypes Overlay and Narrati
3443 ----- Vegetation Narrative
3444 ----- Condition, Trend and Production of Veg. Subtypes & Narrativ
3446 ----- Veg. Cond. and Trend Narrative
3448 ----- Percent Composition (Cover) of Major Species For Each Vegetative Subtype
3450 ----- Key and Unique Species
3452 ----- Plant Species List

3460 ----- Animal Species and Habitat Data
3461 ----- Animal Distribution Overlay
3462 ----- Terrestial Animal Habitat Condition and Distribution
3464 ----- Habitat Types and Critical Areas By Animal Species Overlay
3466 ----- Fish Habitat Data For Streams
3468 ----- Fish Habitat Data In Lakes and Reservoirs

3480 ----- Scenery Quality Evaluation
3482 ----- Scenery Quality Delineation Overlay
3484 ----- Visual Sensitivity Levels Overlay
3486 ----- Visual Management Units Overlay

5. INFORMATION FLOW (continued) RANGE

(Pg 6 of 8)

INPUTS	(Data Base)	OUTPUTS
(Cultural Resource Data) - -	Recre-ation	3490 ----- List Of Historical Sites
(Cultural Resource Overlay)		3492 ----- Cultural Resources Overlay
(Recreation Use Inventory Data) - - - - - - - - - -		3510 ----- Recreation Uses
(Recreation Use Areas Overlay) - - - - - - - -		3512 ----- Recreation Use Areas Overlay
(Forest Management Data) - -	Fores-try	3520 ----- Volumes Of Forest Products
(Forest Product Areas Overlay) - - - - - - - -		3522 ----- Forest Product Areas Overlay
(Mineral Resource Inventory Data Overlay) -	Mine-rals	3530 ----- Current Minerals Activity and Resources Overlay
(Transportation Network Data Overlay) - - - - - -	Atrow – Plan-ning	3550 ----- Transportation Network Overlay
(Land and Resource Use Data Overlay) - - - - - -	Lands	3560 ----- Other Land And Resource Uses Overlay
(Socio-Economic Data) - - -	Plan-ning	3570 ----- Ten Year Population Change
		3572 ----- Earnings By Major Economic Sector
		3574 ----- Agricultural Income
		3576 ----- Agricultural Employment By Major Econ. Sector
WH & B Inventory------- 3581	R A N G E	
WH & B Band Observations Overlay- 3580		3580 ----- WH & B Band Observations Overlay
		3582 ----- WH & B Population Data
WH & B Marked Animal Report--------------- 3583		
WH & B Aerial Survey Inventory------------ 3585		3584 ----- WH & B Age Structure Graph
		3586 ----- WH & B Projected Population Change Over Time Graph
Classification Of Horses Summary------- 3587		
		3588 ----- WH & B Age Groupings Graph
		3590 ----- WH & B Sex Ratio and Band Size Graph
		3592 ----- WH & B Yearlings and Foals Per 100 Adults Over Time Graph
		3594 ----- WH & B Percent Mortality Over Time Graph
WH & B Home Ranges Overlay-------------- 3600		3600 ----- WH & B Home Ranges Overlay
		3602 ----- Tabulation of Home Ranges

(Data Base)

14

5. INFORMATION FLOW (continued) RANGE

(Pg 7 of 8)

INPUTS			OUTPUTS
Percentages Of Forage Categories In Animal Diets---------------- 3608	RANGE	3608 -----	Percentages Of Forage Categories In Animal Diets
(Wildlife Diet Data- Form # 6602-20 - Fecal Sample Analysis)-	Wild-life	3610 -----	Percent Diet Similarity Of Herbivores In Horse Areas
	RANGE	3612 -----	Percent Diet Similarity Of Herbivores In Burro Areas
		3614 -----	Stocking Exchange Rates
		3616 -----	Diet Similarity Between WH & B Ranges
		3618 -----	Diet Similarity Between Seasons
		3620 -----	Range Area Suitability For Herbivores
		3622 -----	Preference Index For Herbivores
		3624 -----	Mean Preference Index For Herbivores
(Manmade Features Data)- -		3630 -----	Topographic And Manmade Features
(Human Activities Data Overlay)- - - - - - - -		3640 -----	Human Activities Overlay
(Climatic Data)- - - - - -	Water-shed	3650 -----	Temperature Extremes Graph
		3652 -----	Biweekly Precipitation Graph
		3654 -----	Precipitation And Seasonal Distribution
(Associated Animal Species Data---------3660	RANGE	3660 -----	Associated Animal Species
Associated Animal Species In Habitat Area Overlay---------------3662		3662 -----	Associated Animal Species In Habitat Area Overlay

(Data Base)

5. INFORMATION FLOW (continued) RANGE

(Pg 8 of 8)

INPUTS	RANGE	OUTPUTS
	3670	WH & B Area Boundaries Overlay and Narrative
WH & B Crucial Areas Overlay	3672	WH & B Crucial Areas Overlay and Narrative
Features Affecting WH & B Herd Movement Overlay	3674	Features Affecting WH & B Herd Movement Overlay and Narrative
WH & B Observation Viewpoints Overlay	3676	WH & B Observation Points Overlay and Narrative
WH & B Detrimental External Influences Overlay	3678	WH & B Detrimental External Influences Overlay
	3680	WH & B Area Numbers And Acres By Ownership
Potential Herd Management Areas Overlay	3690	Potential Herd Mgmt. Areas Overlay
Natural Habitat Improvement Areas Overlay	3692	Natural Habitat Improvement Areas Overlay
Artificial Habitat Improvement Areas Overlay	3694	Artificial Habitat Improvement Areas Overlay
Potential Water Developments Overlay	3696	Potential Water Developments Overlay
Potential WH & B Facilities Overlay	3698	Potential WH & B Facilities Overlay
	3700	Opportunities For Development Of Herd Management Areas
	3702	WH & B Herd Management Area Numbers And Uses

(Data Base)

3202

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8-23-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Cooperative Agreement Input

FORM: Coded Field Form

DESCRIPTION: Coded form and map showing the location covered by the cooperative agreement with the name of the cooperator, cooperative agreement number, effective date and expiration date.

PREPARATION RESPONSIBILITY: Resource Area and District Staff

FORMAT: See attached sample

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Semi-annually

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: All inputs should be retained indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3202 COOPERATIVE AGREEMENT INPUT FORM

Date ____________

Form: (No.)
(Date) ______

State (1) ☐☐
District (2) ☐☐
Resource Area (3) ☐☐

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

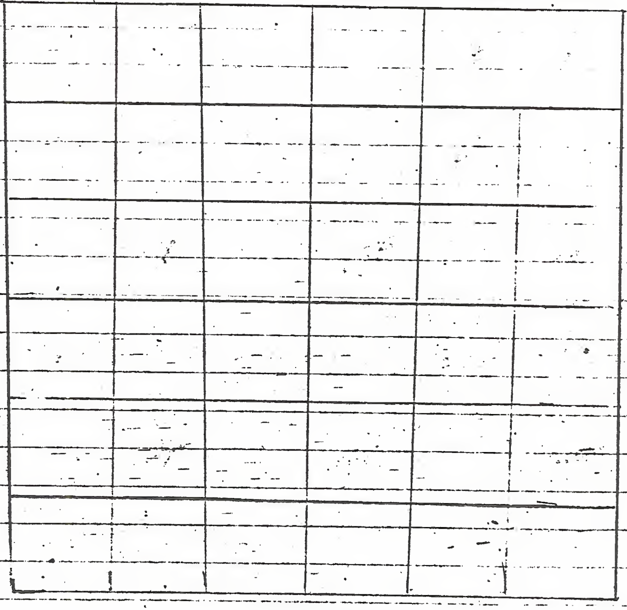
COOPERATIVE AGREEMENT

No. (4) ☐☐☐☐☐ Name of Cooperator (5) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Effective Date (6) ☐☐☐☐☐☐ Expiration Date (7) ☐☐☐☐☐☐

LOCATION PLAT

T. (8) ☐☐☐☐☐☐ R (9) ☐☐☐☐☐☐ Meridian (10) ☐☐☐☐☐☐ Scale: 1 inch =



3230

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8-24-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Job Documentation Report

FORM: 1630-8

DESCRIPTION: A form that contains numerous coded detailed data on individual jobs or projects.

PREPARATION RESPONSIBILITY: Resource Area Staff, District Staff

FORMAT: See attached sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Weekly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Should be retained indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS: This form was revised to reflect field team's intent, and others.

3230a

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JOB DOCUMENTATION REPORT

I – GENERAL DESCRIPTION Card 1

5. Job Name (11–30)

LOCATION CODES

6. Special Project Code (31–34)

II – ANNUAL WORK PLAN INPUT DATA Card 2

75. Subactivity (11–14)
76. Work Job Code (15–18)

Type Authorization ☐ Date Approved

UNITS PLANNED

77. Primary (19–24)
78. Secondary (25–29)

TIME OF AWARD

79. Fiscal Year (30–31) 80. Third (32)

TIME OF COMPLETION

81. Fiscal Year (33–34) 82. Third (35)

BLM COST 83. Method (36)

84. Material (37–41)
85. Contract (42–47)

CONTRIBUTED COST

86. Material (48–52)
87. Labor/Equipment (53–57)

MAINTENANCE

88. Responsibility (58) 89. Cycle (59–61)

Zone ☐

III – JOB DETAILS AND BENEFITS Card 3

Primary Job Objective (11)

PLANT AND PEST CONTROL

39. Chemical (12) 42. Method (13)
45. Mechanical – Method (14)

ARTIFICIAL REVEGETATION

47. Pounds Seed/Acre (15–17)
48. Seedlings/Acre (18–21) 49. Method (22)

WATERSHED TILLAGE 54. Method (29)

FACILITIES 55. Type (30) 56. Other Misc. (31)

WATER DEVELOPMENT/CONTROL

59. Structure Type (32)

STORAGE (Ac. Ft.) 60. Flood (33–38)

61. Silt (39–44)

JOB IDENTIFICATION

1. State (2–3)
2. District (4–5)
3. Job No. (6–9)
4. Transaction Code (10)

WILDLIFE HABITAT DEVELOPMENT/PROTECTION

62. Type (45–46) 63. Primary Species (47–49)

IV - BENEFITS

51. AUM's Livestock Forage Added (23–26)
52. Future SSF (27–28)
64. Animal Months (50–54)
65. Number Increase (55–59)
66. Pounds Fish Increase (60–64)
67. Rare/Endangered (65)

VISITOR DAYS ADDED 68. Fisherman (66–69)

69. Hunter (70–73) 70. Other (74–77)

[redacted] V – PROGRESS REPORT Card 4

COMPLETION DATA

UNITS 90. Primary (11–16)

91. Secondary (17–21)

TIME 92. Fiscal Year (22–23)

93. Third (24)

94. Contract No. (25–29) CT

** CONTRIBUTIONS

98. Deposited (52–56)

Undeposited

99. Materials (57–61)
100. Labor/Equipment (62–66)

CONTRIBUTION DETAIL

95. Agreement (30) 96. Participant (31)
97. Cooperator's Name (32–51)

**Contract Cost ☐
Status Water Rights ☐
Rights Controlled By ☐

V – DETAIL [redacted] UNITS AND COSTS ESTIMATED ☐ ACTUAL ☐

[redacted] DESCRIPTION [redacted]		UNITS		BLM COSTS		COOPERATOR COSTS	
Work (a) Materials		EA. MILE, ETC. Number (b)	COST (c)	MATERIALS (d)	CONTRACT/ *Force Acc't (e)	MATERIALS (f)	LABOR (g)
TOTALS	Materials						
	Labor/Equipment						

24

* Provide Additional Column

R7-2-2

Form 1630–8 (February 1977)

JOB IDENTIFICATION STATE ☐☐ DISTRICT ☐☐ JOB NUMBER ☐☐☐☐

3230b

VII– LOCATION PLAT

T.____ R.____ S.____

Scale 1 inch =

Meridian ________

VIII– NARRATIVE DESCRIPTION OR JUSTIFICATION

Prepared by	**Title**	**Date**
Approved by	**Title**	**Date**

R7-2-3

3230c

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JOB DOCUMENTATION REPORT

I – GENERAL DESCRIPTION Card 1

5. Job Name (11–30)

LOCATION CODES

6. Special Project Code (31–34)

Resource Area Congressional District

7. Planning Unit (35–36)
8. Sub-Basin (37–38) 9. County (39–41)
10. Watershed No. (42–44)
11. Allotment No. (46–48)
12. Wildlife Habitat Area (49–51)

INPUT FROM DATA BASE

SITE AND VEGETATIVE DESCRIPTION

13. Present SSF (52–53) 14. % Slope (54–55)
15. Exposure (56) 16. Soil Texture (57)
17. Precipitation (inches) (58–59)
18. Elevation (feet) (60–64)
19. Vegetative Subtype (65–67)

COMPOSITION (Percent)

20. Grasses (68–69) 21. Forbs (70–71)
22. Browse (72–73)

COVER (Percent)

23. Vegetative (74–75) 24. Litter (76–77)
25. Bare Ground (78–79)

INPUT FROM SIM

II – ANNUAL WORK PLAN INPUT DATA Card 2

75. Subactivity (11–14)
76. Work Job Code (15–18)

UNITS PLANNED

77. Primary (19–24)
78. Secondary (25–29)

TIME OF AWARD

79. Fiscal Year (30–31) 80. Third (32)

TIME OF COMPLETION

81. Fiscal Year (33–34) 82. Third (35)

BLM COST 83. Method (36)

84. Material (37–41)
85. Contract (42–47)

CONTRIBUTED COST

86. Material (48–52)
87. Labor/Equipment (53–57)

MAINTENANCE

88. Responsibility (58) 89. Cycle (59–61)

JOB IDENTIFICATION

1. State (2–3)
2. District (4–5)
3. Job No. (6–9)
4. Transaction Code (10)

III – JOB DETAILS AND BENEFITS Card 3

37. Primary Job Objective (11)

PLANT AND PEST CONTROL

39. Chemical (12) 42. Method (13)
45. Mechanical – Method (14)

ARTIFICIAL REVEGETATION

47. Pounds Seed/Acre (15–17)
48. Seedlings/Acre (18–21) 49. Method (22)
51. AUM's Livestock Forage Added (23–26)
52. Future SSF (27–28)

WATERSHED TILLAGE 54. Method (29)

FACILITIES 55. Type (30) 56. Other Misc. (31)

WATER DEVELOPMENT/CONTROL

59. Structure Type (32)

STORAGE (Ac. Ft.) 60. Flood (33–38)

61. Silt (39–44)

WILDLIFE HABITAT DEVELOPMENT/PROTECTION

62. Type (45–46) 63. Primary Species (47–49)
64. Animal Months (50–54)
65. Number Increase (55–59)
66. Pounds Fish Increase (60–64)
67. Rare/Endangered (65)

VISITOR DAYS ADDED 68. Fisherman (66–69)

69. Hunter (70–73) 70. Other (74–77)

IV – PROGRESS REPORT Card 4

COMPLETION DATA

UNITS 90. Primary (11–16)

91. Secondary (17–21)

TIME 92. Fiscal Year (22–23)

93. Third (24)

94. Contract No. (25–29) CT

CONTRIBUTION DETAIL

95. Agreement (30) 96. Participant (31)
97. Contributor's Name (32–51)

CONTRIBUTIONS

98. Deposited (52–56)

Undeposited

99. Materials (57–61)
100. Labor/Equipment (62–66)

V – DETAIL ESTIMATE OF UNITS AND COSTS

WORK DESCRIPTION AND MATERIALS (a)	UNITS		BLM COSTS		COOPERATOR COSTS	
	EA. MILE, ETC. (b)	COST (c)	MATERIALS (d)	CONTRACT (e)	MATERIALS (f)	LABOR (g)
TOTALS Materials						
Labor Equipment						

3234

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-1-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Assignment of Cooperative Agreements and/or Range Improvement Permits.
FORM: 7330-9

DESCRIPTION: Gives the name of the assignor, assignee, job name and number for range improvements.

PREPARATION RESPONSIBILITY: Resource Area and District Staff

FORMAT: See attached sample

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Weekly-with input #3230

VOLUME OF UPDATE: 20

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3234

Form 7330–9
(December 1968)
(formerly 7220–11)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ASSIGNMENT OF COOPERATIVE AGREEMENTS AND/OR RANGE IMPROVEMENT PERMITS

INSTRUCTIONS

Prepare *four* copies. Submit original to assignor and one copy each to the assignee, case or lease file, and District job file.

I HEREBY ASSIGN all my right, title, and interest to *(name of assignee)*

, in and to the following

☐ Cooperative Agreements (Form 7330–7) approved by the Bureau of Land Management for job(s) listed below

JOB		
NUMBER	NAME	LOCATION *

Date

Signature of Assignor

☐ Permits to Construct and/or Maintain Range Improvements (Form 7330–6) issued by the Bureau of Land Management for job(s) listed below

JOB		
NUMBER	NAME	LOCATION *

Date

Signature of Assignor

I, , assignee named in the above assignment of ☐ Cooperative Agreements ☐ Permits do hereby agree to be fully bound by all the terms and provisions of the said ☐ Cooperative Agreements ☐ Permits and the regulations under which they were issued to the same extent and in the same manner as the assignor herein.

(Assignee's Signature)

Assignment approved
(Date)

(Date)

By
(Signature)

28 * *Give legal description*

R7-3-2

GPO 847-739

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-7-77

3240

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Summary of Proposed Projects.

FORM: Tabulation.

DESCRIPTION: Gives detailed information on all proposed range facilities and land treatments.

PREPARATION RESPONSIBILITY: Districts and RA staff.

FORMAT: Sample attached.

DATA ENTRY PROCEDURE: To be decided.

FREQUENCY OF UPDATE: Annually.

VOLUME OF UPDATE: 500

ARCHIVING REQUIREMENTS: Retain until all projects are constructed or implemented.

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be decided.

REMARKS:

SUMMARY OF PROPOSED PROJECTS

AMP Name____________________________ Number __________

Proj. No.	Proj. Name	Type	Units	Year ✓ Constr. Scheduled	Ease-ments	Cadastral Survey	Water Rights	Const. Cost	O&M Cost	Mai Re

3250

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-1-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Grazing Schedule

FORM: 4115-23 or 1370-37

DESCRIPTION: A form that shows the allotment name and number, class and number of livestock, period of use, and type of use for an operator.

PREPARATION RESPONSIBILITY: ARea Range Staff

FORMAT: See attached sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Annually, and semi-annually

VOLUME OF UPDATE: 20,000 annually, 5,000 semi-annually

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS: Input #3250a is usually prepared by the field office and the computer outputs #3250b. The field office sometimes prepares #3250b direct which then becomes the input form in lieu of #3250a.

Form 4115-23
(November 1975)

3250a

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management

DATE______________

STATE .... (1)
OFFICE .... (2)
GRAZING RECORD NO. .... (3)
RECORD TYPE .... (4) S
SCHEDULE NUMBER .... (5)
SCHEDULE CODE .... (6)
ACTION CODE .... (7)
BILLING CODE .... (8)
SPECIAL BILL CODE .... (9)

GRAZING SCHEDULE

(10)	(11)		(12)	(13)	(14)		(15)	16	(17)	(18)	(19)
LINE NO	ALLOTMENT		LIVESTOCK		PERIOD		% Public Land	TYPE USE	AUMS	TYPE LAND	EO#
	NAME	NO	NO	CL	FROM	TO					

SCHEDULE CODE
Current = 1
Supplemental = 2
Basic = 3

ACTION CODE
Add = A
Change = C
Delete = D

BILLING CODE
Advance = 1
Actual = 3

LIVESTOCK CLASS
Burro = B
Cattle = C
Goat = G
Horse = H
Reindeer = R
Sheep = S
Yearling Cattle = Y

TYPE USE
Active = A
Nonuse = N
Exchange-of-Use = E
Free Use = F
UNauthorized = U
Navajo Free Use = J
Navajo Nonuse Free Use = K
Ephemeral = L
Coop Plan = C
Trail/Crossing = T

32

R7-5-2

Form 1370-37
Jan. 1975

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management

3250b

TOTAL DUE......
DATE DUE........

FOR BLM USE ONLY

STATE.. (1)
OFFICE.. (2)
GRAZING RECORD NO........... (3)
RECORD TYPE........................... (4)
SCHEDULE NUMBER................. (5)
BILLING NUMBER..................... (6)
DATE.. (7)
TYPE OF BILLING....................... (8)
AMOUNT COLLECTED.............. (9)

MAKE REMITTANCE PAYABLE TO: Bureau of Land Management. Please return the top portion of this notice with your payment. Be sure the payee address shows throu window of the enclosed return envelope.

This notice shows the amount due as fees for livestock grazing use extended to you. Your cancelled check is your receipt. Please retain the lower portion of this notice v shows livestock grazing use authorized upon timely payment of fees.

Billing Number:

(14)	(15)		(16) (17)	(18)		(19)	(20)	(21)	(22)	(23
LINE NO	ALLOTMENT		NUMBER AND CLASS	PERIOD		% FED RANGE	TYPE USE	AUM	COST PER AUM	GRAZ FEE
	NAME	NO		FROM	TO					

Under authority of the Act of June 28, 1934 (48 STAT. 1269), as amended, and the Act of August 28, 1937 (50 STAT. 875) you are hereby authorized grazing use on la United States described above. Failure to pay fees due for a specified grazing authorization (permit or lease) may result in action toward cancellation.

33

R7-5-3

WARNING: Grazing use of Federal Range without an effective authorization (permit or lease), duly paid for is unlawful and is prohibited; such unauthorized grazing is

3252

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-6-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Allotment Record

FORM: 4115-22

DESCRIPTION: A form that gives management status of an allotment.

PREPARATION RESPONSIBILITY: Resource Area or District Staff

FORMAT: See attached sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Annually

VOLUME OF UPDATE: 2,000

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS:

REMARKS: Should this be combined with Operator Control Record?

Form 4115-22
(May 1976)

3252

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management

ALLOTMENT RECORD

DATE__________

STATE..............................(1)
OFFICE.............................(2)
GRAZING RECORD NO...(3)
RECORD TYPE................(4) H
ALLOTMENT NO.............(6)
ACTION CODE................(7)

RECORD—CD (8) 1 (A)

Allotment Name (9)

~~Resource Area~~.................................(10)
~~Planning Unit~~.................................(11)
~~Watershed Area~~ DATA ....(12)
~~Wildlife Habitat Area~~..............................(13)
~~GR Preference (Active)~~.... BASE ....(14)
~~GR Preference (Suspended Nonuse)~~........(15)
Allot Potential Production ....(16)
~~GR E/U Expiration Date~~..........................(17)
~~Coop Plan Code~~...(18)
~~Ephemeral Ecosystem~~...................................(19)
Management Status Code.........................(20)
Amp Status Code..................................(21)
AMP Signed by BLM (Mo, Da, Yr)..........(22)
AMP Implemented (Mo, Yr)...................(23)
Permit or Lease Eff and Exp Year..........(24)
Number Pastures...................................(25)

AMP SCHEDULE NO.

Last Digit FY...(26)
Priority No. Within FY.............................(27)

(B)	ACRES		AUMS
NRL............ (1)		(2)	
OTHER FED.. (3)		(4)	
STATE.......... (5)		(6)	
PRIVATE....... (7)		(8)	

FROM DATA BASE

BIOME	ACRES		AUMS
GRASSLAND (9)		(10)	
DESERT........ (11)		(12)	
WOODLAND (13)		(14)	
CONFOREST (15)		(16)	

BASE (SIM)

		CONDITION				
BIOME	%GOOD		%FAIR		%POOR	
GRASSLAND (17)		(18)		(19)		
DESERT........ (20)		(21)		(22)		
WOODLAND (23)		(24)		(25)		
CONFOREST (26)		(27)		(28)		

Wild Free Roaming Horses (29)
Wild Free Roaming Burros (30)

RECORD—CD (8) 2 (C)

	CODE	%
(1) TYPE-LAND.......... (9)		
GEO STATE-1..... (10)		
GEO COUNTY-1. (11)		
GEO COUNTY-2. (12)		
GEO COUNTY-3. (13)		
GEO DISTRICT-1. (14)		
GEO DISTRICT-2. (15)		
GEO STATE-2..... (16)		
GEO COUNTY-1. (17)		
GEO COUNTY-2. (18)		
GEO DISTRICT-1. (19)		
%AUMS............. (20)		
E.O.#................. (21)		
FUND SYMBOL.... (22)		

FROM DATA BASE

RECORD—CD (8) 3

(2) TYPE-LAND...... (9)		
GEO STATE-1 ...(10)		
GEO COUNTY-1. (11)		
GEO COUNTY-2. (12)		
GEO COUNTY-3. (13)		
GEO DISTRICT-1 . (14)		
GEO DISTRICT-2. (15)		
GEO STATE-2... (16)		
GEO COUNTY-1 . (17)		
GEO COUNTY-2. (18)		
GEO DISTRICT-1 . (19)		
%AUMS .... (20)		
E.O.# .... (21)		
FUND SYMBOL .. (22)		
(3) TYPE-LAND ...... (1)		
GEO STATE-1.... (2)		
GEO COUNTY-1.. (3)		
GEO COUNTY-2.. (4)		
GEO COUNTY-3.. (5)		
GEO DISTRICT-1.. (6)		
GEO DISTRICT-2.. (7)		
GEO STATE-2.... (8)		
GEO COUNTY-1.. (9)		
GEO COUNTY-2..(10)		
GEO DISTRICT-1..(11)		
%AUMS..........(12)		
E.O.#...........(13)		
FUND SYMBOL ...(14)		

ACTION CODE

Add = A
Change = C
Delete = D

MANAGEMENT STATUS CODE

Management Permit = M
Regular Permit = R
Custodial Permit = C

COOP PLAN CODE

USFS = F
SCS = C
F&G = G
Misc = M
USFS SCS Joint = J

AMP STATUS CODE

AMP Implemented = Y
AMP Not Implemented = N
Grazing System = G
AMP Requested = A

35

R7-6-2

3254

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-6-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Operator Control Record

FORM: 4115-21 and plot

DESCRIPTION: Gives name, address of operator, permit or lease period, herd size, and livestock use other than BLM

PREPARATION RESPONSIBILITY: Resource Area or District Range Staff

FORMAT: See attached sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Semi-annually

VOLUME OF UPDATE: 5,000

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

Form 4115-21
(November 1975)
3254a

DATE____________

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management

STATE .... (1)
OFFICE .... (2)
GRAZING RECORD NO .... (3)

OPERATOR AND CONTROL RECORD

OPERATOR RECORD (A)

Record Type .... (4) G
Action Code................................. (6)

Name (LAST FIRST MI).................(8)

c/o Name (LAST FIRST MI)..........(9)

Street (10)

City (11)

State Abbreviation.................................(12)
Zip Code..(13)

Auth Rep Name (LAST FIRST MI)...............(14)

Mail Code ....(15)
Operation Origin Date...............................(16)
Change Operator Code ....(17)

Preference Code.......................................(18)
Permit or Lease Eff Date ....(19)
Permit or Lease Exp Date.........................(20)

Base Lease Expiration Date ....(21)
Encumbrance Expiration Date...................(22)
Appeals Code..(23)
Association Number..................................(24)

(B) OTHER USE

DATES
FROM TO

	AG		NO.		CL
Other Use..........(1)		(2)		(3)	
(4)		(5)		(6)	
(7)		(8)		(9)	

	NO.		CL
Total Herd Size..........................(10)		(11)	
(12)		(13)	
(14)		(15)	

CONTROL RECORD (C)

Record Type .... (4) T
Schedule Number ..... (5)
Action Code.............. (6)
Bill No. .... (7)

Hold Action Code...... (14)
Hold Action Date ...... (15)
Release Date .... (16)

ACTION CODE
Add = A
Change = C
Delete = D

OTHER USE CODE
BIA = B
USFS = F
NPS = P
USF & WS = W
State = S

Substitute Land Jurisdiction Codes (95 total Codes)

MAIL CODE
Mail to Dist. = D
Mail to Area = R

LIVESTOCK CLASS
Burros = B
Cattle = C
Goats = G
Horses = H
Reindeer = R
Sheep = S
Yearling Cattle = Y

CHANGE OPERATOR CODE
Base Property = A
Qualification = B
Consolidation = C
Assignment = L
Relinquishment = R

PREFERENCE CODE
Section 3 = 3
Section 15 = 5

HOLD ACTION CODE
Assignment = A
Suspn Trespass = T
Local Assoc = L
Quarantine = Q
Misc = M

APPEALS CODE
Appeals Action = X

STATE ☐☐ DISTRICT ☐☐ Grazing Record NUMBER ☐☐☐☐

VI – LOCATION PLAT

3254b

Operator and Control Record

Scale 1 inch =

T.__ __ __ R.__ __ __

Meridian __ __ __ __ __ __

VII – NARRATIVE DESCRIPTION OR JUSTIFICATION

▨ Owned Land
▥ Base Property
▧ Leased Land

Prepared by	Title	Date
Approved by	Title	Date

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 9-7-77

3261

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Existing Allotments and Range Improvements.

FORM: Graphic Overlay.

DESCRIPTION: Shows the allotment boundaries and location of all present range facilities and land treatments.

PREPARATION RESPONSIBILITY: District and RA staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Annually

VOLUME OF UPDATE: 2,000

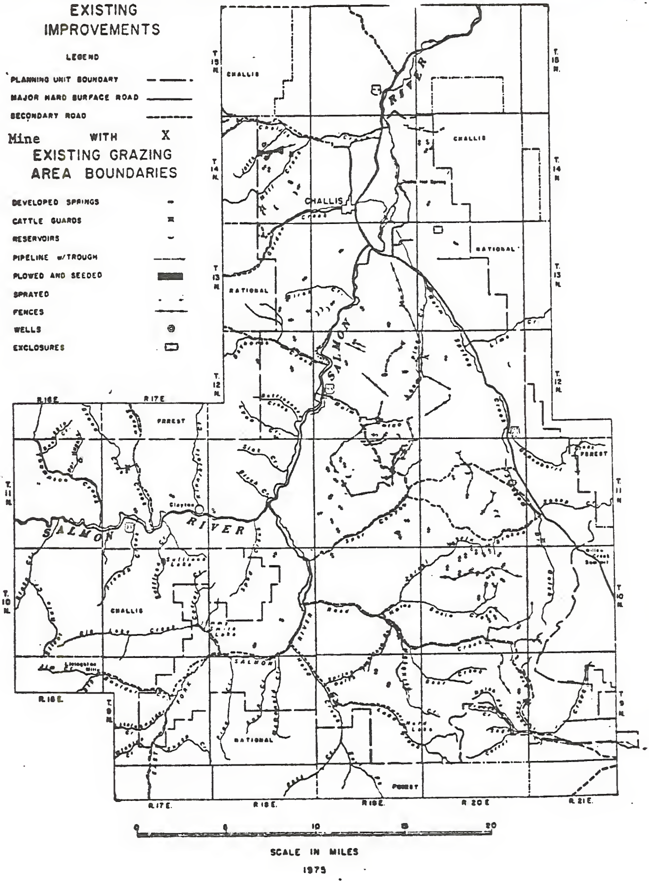
ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

TABLE 3261: EXISTING ALLOTMENT AND RANGE IMPROVEMENTS



MAP 2-22 EXISTINC RANGE IMPROVEMENTS AND GRAZING AREAS IN THE CHALLIS PLANNING UNIT.

.40

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-6-77

3264

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Grazing Administration.

FORM: Graphic overlay.

DESCRIPTION: Shows allotments, AMP areas, grazing system areas, normal season of use, class of livestock, problem areas, trailing patterns and other details.

PREPARATION RESPONSIBILITY: District and area range staff.

FORMAT: Sample attached.

DATA ENTRY PROCEDURE: To be decided.

FREQUENCY OF UPDATE: Annually.

VOLUME OF UPDATE: 2,000

ARCHIVING REQUIREMENTS: Retain until superseded

ACCESS LIMITATIONS: None.

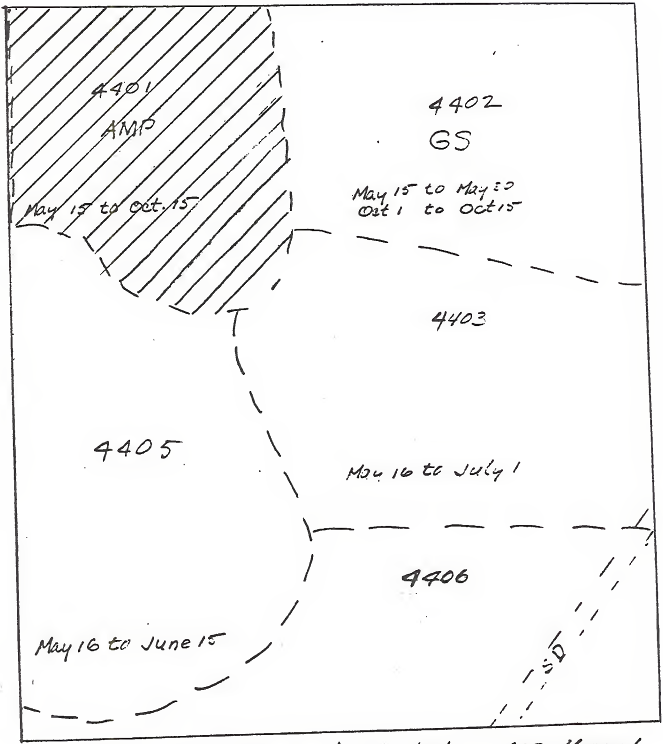
SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be decided.

REMARKS:

3264

STATE
RESOURCE AREA
P. U

GRAZING ADMINISTRATION



Legend: Use standard symbols - 1605 Manual

3268

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-13-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Range Management Opportunities

FORM: Overlay and Narrative

DESCRIPTION: An overlay showing natural potential and potential through land treatment and range facilities for a range area.

PREPARATION RESPONSIBILITY: RA Staff, District Staff

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Once initially - annually on 1/10 of BLM

VOLUME OF UPDATE: 100 pages

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

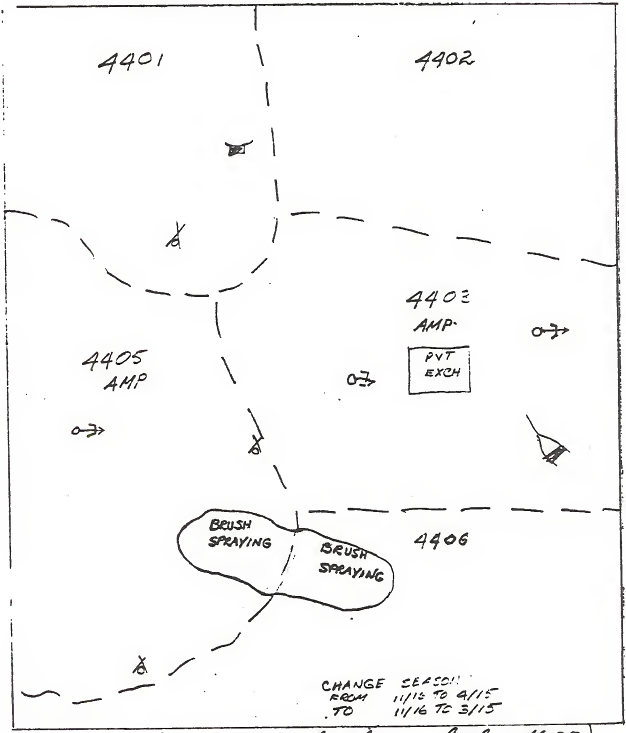
SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3268

STATE
DISTRICT
RESOURCE AREA
P. U.

RANGE MANAGEMENT OPPORTUNITIES



Legend: (use standard symbols 1605)

3270

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-13-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Site Inventory Write-up Areas

FORM: Map Photo

DESCRIPTION: An aerial photo with the boundaries of range sites delineated and designated by type writeup numbers.

PREPARATION RESPONSIBILITY: Site Inventory Crew

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Weekly for an 8 month period

VOLUME OF UPDATE: 5,000

ARCHIVING REQUIREMENTS: Retain indefinitely

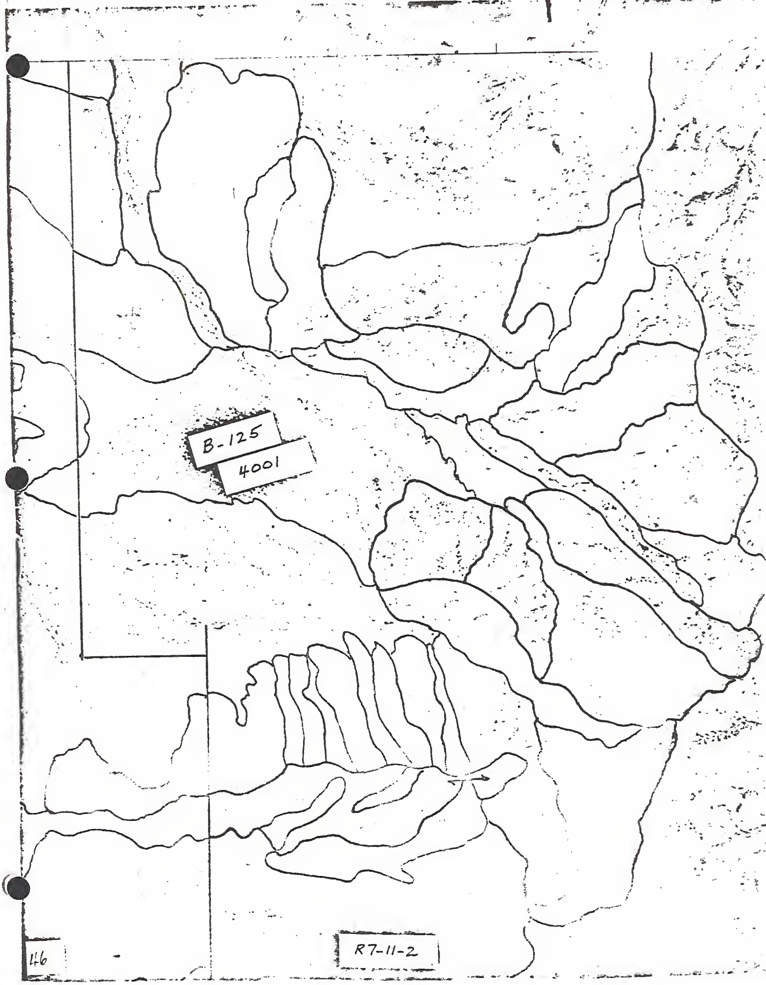
ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3270 SITE INVENTORY WRITEUP AREAS

Infuch 3270 Map



3272

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9/9/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Site Control-Step Point Data Record

FORM: V-1

DESCRIPTION: Gives the ground cover at each point on 200 point transect, the SSF and other detailed data for step point transect

PREPARATION RESPONSIBILITY: Site inventory crew

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Weekly for 8 months

VOLUME OF UPDATE: 5,000

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS: 3272a - less than potential writeup
3272b - comparison area writeup

R7-12-1

3272-a

BUREAU OF LAND MANAGEMENT
STANDARD UNIT RECORD
FOR SITE CONTROL DATA
STEP-POINT DATA, SPECIES LIST
AND
EROSION CONDITION CLASSIFICATION-SSF

RECORD TYPE		V	1
STATE		U	T
DISTRICT		0	2
PLANNING UNIT		0	2
SITE NO.	B 1	2	5
TRANSECT NO.		0	1
ACTION (A-ADD, D-DELETE C-CHANGE)			A

SECTION I - SITE CONTROL DATA

DATE YR	DATE MO	DATE DAY	RECORDER	VEGETATION SUB-TYPE	SLOPE %	ELEVATION	ASPECT	TRANSECT LENGTH	TRANSECT ACRES
77	07	18	JNB	0441	006	05340	W	09000	

PLOT SIZE WT. EST.	PLOT SIZE CHARACTER.	AZIMUTH	SOIL NUMBER	AERIAL PHOTO IDENTIFICATION FLIGHT LINE NO.	AERIAL PHOTO IDENTIFICATION ORTHOPHOTO NAME
☐ .96 ☐ 4.8 ☐ 1.92 ☒ 9.6	☒ .01 ☐ .02	076	4001	ARs 5-73	BUCKSKIN MTN.

COMPARISON AREA IDENTIFICATION State	Dist.	Twp.	Range	Consec. No.	Pct. of SITE	TRANSECT NUMBERS FOR THIS PERCENT
					100	01

SECTION II - SPECIES LIST

A.BorP	Symbol	Common Name
	PUTR	
	GERA	
	ELCO	
	GRSQ	
	ACLA	
	OPPO	

SECTION III - SSF

ITEM	1	2	3	4	5	6	7	8	9	10
Soil Movement										6
Surface Litter										4
Surface Rock										10
Pedestalling										8
Flow Patterns										10
Rills										6
Gullies										4
TOTAL										48

AVERAGE SSF 48

SECTION IV - STEP-POINT DATA (200 POINTS)

Layer	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3															
2															
1							ORHY							STCO	
	B	AGSP	ARTR	G	B	B	G	B	S	ARAR	B	N	S	Bc	B
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3															
2															
1											ARTR				
	FEID	B	SIHY	B	AGSM	B	BASA	B	B	C	AGSP	P	G	G	B
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
3															
2															
1		AGSP			P										
	ARTR	Bc	G	B	N	G	B	SAKA	G	ASTR	AGSM	B	B	B	BRTE
	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
2											CHNA				
1											AGSP				
	ARTR	FEID	B	B	G	B	ARAR	R	N	B	Bc	B	POSE	ARTR	N

148 RIES: Litter - (P-Persistent, R7-12-2 ent), B-(Bare Ground, No Canopy)
B- ...re Ground Canopy) G-(Gravel) (Stone) R (Bedrock) ARTR2 (Species)

3272-6

BUREAU OF LAND MANAGEMENT
STANDARD UNIT RECORD
FOR SITE CONTROL DATA
STEP-POINT DATA, SPECIES LIST
AND
EROSION CONDITION CLASSIFICATION-SSF

RECORD TYPE			V	1
STATE			U	T
DISTRICT			0	2
PLANNING UNIT			0	2
SITE NO.	B	1	4	5
TRANSECT NO.			0	1
ACTION (A-ADD, D-DELETE C-CHANGE)				A

SECTION I - SITE CONTROL DATA

DATE YR	DATE MO	DATE DAY	RECORDER	VEGETATION SUB-TYPE	SLOPE %	ELEVATION	ASPECT	TRANSECT LENGTH	TRANSECT ACRES
72	08	15	JNB	0441	005	05320	W	01200	

PLOT SIZE

WT. EST.: ☐ .96 ☐ 4.8 ☐ 1.92 ☒ 9.6

CHARACTER.: ☒ .01 ☐ .02

AZIMUTH	SOIL NUMBER	AERIAL PHOTO IDENTIFICATION FLIGHT LINE NO.	AERIAL PHOTO IDENTIFICATION ORTHOPHOTO NAME
78	4001	ARS 3-92	BATTLECREEK

COMPARISON AREA IDENTIFICATION

State	Dist.	Twp.	Range	Consec. No.	Pct. of SITE	TRANSECT NUMBERS FOR THIS PERCENT
UT	02	095	25W	01	100	01

SECTION II - SPECIES LIST

A.BorP.	Symbol	Common Name
	SIHY	
	CHNA	
	BRTE	
	POSE	

SECTION III - SSF

ITEM	1	2	3	4	5	6	7	8	9	10
Soil Movement										3
Surface Litter										2
Surface Rock										5
Pedestalling										5
Flow Patterns										4
Rills										6
Gullies										3
TOTAL										28
AVERAGE SSF		28								

SECTION IV - STEP-POINT DATA (200 POINTS)

Layer	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3															
2															
1			STCO				ARTR		ELCO			PUTR			
	AGSP	B	B	G	G	FEIP	B	B	B	B	PUTR	B	B	G	C
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3															
2	ARTR														
1	AGSP										STCO	AGSP			
	B	B	B	ASTR	B	C	N	B	P	B	P	N	B	B	AGSP
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
3															
2															
1	ARAR					PUTR		SPCO		BRSA			AGSP		
	C	B	AGSM	B	B	B	ELCO	B	B	B	G	P	N	B	N
	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
3															
2															
1		AGSP				ARTR									
49		N	P	B	B	B	N	R7-12-3		B	B	AGSM	B	P	FEID

I. ENTRIES: Litter . (D Dominant

2272

REVISED
CODES FOR
DATA ELEMENT NO. 132-2652 VEGETATION TYPES
NO. 132-2706 VEGETATION SUB-TYPES

VEGETATION TYPES AND SUB-TYPES

CODE NO.	TYPE	CODE NO.	SUB-TYPE
1.	GRASS	0101	SHORT GRASS
		0102	MID GRASS
		0103	TALL GRASS
2.	GRASSLIKE	0201	SEDGE
		0202	RUSH
3.	PERENNIEL FORBS	0301	PERENNIAL FORB
4.	SHRUBS	0401	BLACK GREASEWOOD
		0402	BAILEY'S GREASEWOOD
		0411	CREOSOTE BUSH
		0412	TARBUSH
		0413	DALEA SCOPARIA
		0415	WINTERFAT
		0421	MESQUITE
		0431	SHADSCALE
		0432	NUTTAL SALTBUSH
		0433	MAT SALTBUSH
		0434	FOURWING SALTBUSH
		0435	OTHER SALTBUSHES
		0436	DESERT SALTBUSH ATFO
		0441	BIG SAGEBRUSH
		0442	LOW SAGEBRUSH
		0443	BLACK SAGEBRUSH
		0444	OTHER SAGEBRUSHES
		0445	RABBITBRUSH
		0446	SAND SAGE
		0451	CHAMISE
		0452	MANZANITA
		0453	CEANOTHUS
		0454	SHINNERY OAK
		0455	CHAPARRAL
		0456	MOUNTAIN MAHOGANY
		0457	BITTERBRUSH
		0458	OAKBRUSH
		0461	BLACKBRUSH
		0462	CACTUS
		0463	JOSHUA TREE
		0464	YUCCA
		0465	WHITE THORN

TYPE	CODE NO.	SUB-TYPE
	0466	PALOVERDE CERCI
	0467	BURSAGE FRDE-FRDU
	0468	CATCLAW
	0469	SOTOL
	0470	MARIOLA
	0471	SNAKEWEED
	0472	FRINGED SAGEBRUSH
	0473	CLUBMOSS
	0474	WILLOW
	0475	TURPENTINE BRUSH HALA
	0476	BURROWEED HATE
	0477	MORMON TEA
	0478	SKUNK BUSH
	0481	ALDER
	0499	OTHER SHRUBS
5. BROADLEAF TREES	0574	WILLOW
	0575	DESERT WILLOW
	0577	BIRCH-ALASKA
	0579	BALSAM POPLAR-COTTONWOOD
	0581	RED ALDER
	0582	POPLAR-BIRCH
	0583	ASPEN
	0584	CALIFORNIA BLACK OAK
	0586	COTTONWOOD
	0587	MAPLE
	0588	MADRONE
	0589	TAN OAK
	0599	OTHER BROADLEAF TREES
6. CONIFER	0601	DOUGLAS-FIR
	0602	DOUGLAS-FIR-WESTERN HEMLOCK
	0603	PORT-ORFORD-CEDAR-DOUGLAS-FIR
	0604	DOUGLAS-FIR-WHITE-FIR
	0611	PONDEROSA PINE
	0612	JEFFREY PINE
	0613	PONDEROSA PINE-SUGAR PINE-FIR
	0614	SUGAR PINE
	0615	INCENSE CEDAR
	0621	WESTERN WHITE PINE
	0629	BLACK SPRUCE
	0631	WHITE FIR
	0632	RED FIR
	0633	GRAND FIR
	0634	PACIFIC SILVER FIR-HEMLOCK
	0635	ENGLEMANN SPRUCE
	0636	ENGLEMANN SPRUCE-SUBALPINE FIR
	0637	WHITE SPRUCE
	0638	BLUE SPRUCE
	0639	NOBLE FIR
	0641	WESTERN REDCEDAR

TYPE	CODE NO.	SUB-TYPE
	0642	SITKA SPRUCE
	0647	MOUNTAIN HEMLOCK-SUBALBINE FIR
	0648	WESTERN HEMLOCK
	0655	WESTERN LARCH
	0656	GRAND FIR-LARCH-DOUGLAS-FIR
	0657	PONDEROSA PINE-LARCH-DOUGLAS-FI
	0658	LARCH-TAMARACK-ALASKA
	0661	LODGEPOLE PINE
	0671	REDWOOD
	0691	COULTER PINE
	0692	DIGGER PINE-OAK
	0693	PINYON-JUNIPER
	0694	KNOBCONE PINE
	0695	BRISTLECONE PINE
	0696	WHITEBARK PINE
	0697	PINYON
	0698	JUNIPER
	0699	OTHER CONIFER
7. CRYTOGAMS	0701	LICHEN-MOSS
	0702	MOSS
	0703	LICHEN
	0704	FERN
	0705	OTHER
8. BARREN (SEE APPENDIX 13)	0801	BADLAND
	0802	BEACHES
	0803	BLOWN-OUT LAND
	0804	CINDER LAND
	0805	DRY LAKE BED
	0806	DUMPS
	0807	DUNE LAND
	0808	CULLIED LAND
	0809	GYPSUM LAND
	0810	LAVA FLOWS
	0811	OIL-WASTE LAND
	0812	PITS
	0813	PLAYAS
	0814	QUARRIES
	0815	RIVERWASH
	0816	ROCK OUTCROP
	0817	RUBBLE LAND
	0818	SALT FLATS
	0819	SCORIA LAND
	0820	SLICKENS
	0821	SLICK SPOTS
	0822	OTHER

TYPE	CODE NO.	SUB-TYPE
9. ANNUAL GRASSES	0901	CHEATGRASS
	0902	MEDUSAHEAD RYE
	0903	RED BROME
	0904	OTHER ANNUAL GRASSES
	0905	THREE-AWN
	0906	SIX WEEKS GRAMA
10. ANNUAL FORBS	1001	FILAREE
	1002	HALOGETON
	1003	OTHER

3273

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9/9/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Vegetative Characterization

FORM: V-2

DESCRIPTION: Gives the phenology stage, form class, age class, availability, utilization, average height and other information on plant species

PREPARATION RESPONSIBILITY: Site inventory crew

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Weekly for 8 months

VOLUME OF UPDATE: 5,000

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

32-73 · INPUT - OUTPUT

BUREAU OF LAND MANAGEMENT
STANDARD UNIT RECORD
FOR
VEGETATIVE CHARACTERIZATION

RECORD TYPE V 2
STATE U T
DISTRICT 0 2
PLANNING UNIT 0 2
SITE NO. B 1 2 5
TRANSECT NO. 0 1
ACTION (A-ADD, D-DELETE) A

	GRASS, FORB AND SHRUB CHARACTERIZATION							SHRUBS ONLY				
SPECIES	PHENOLOGY	FORM CLASS	AGE CLASS	AVAILABILITY	UTILIZATION	AV. HEIGHT	DOT COUNT	AVG. LEADER LENGTH	AVG. CROWN DIAMETER	NUMBER NOT CHARACTERIZED	MAST CROPS	TOTAL NUMBE
AGSP	3	4	M	A	3	1.5	.					1
AGSM	5	1	M	A	0	1.0	:					2
SIHY	5	1	M	A	0	.7	.					1
SIHY	5	1	Y	A	0	.5	.					1
STCO	4	3	M	A	3	1.6	.					1
POSE	6	1	M	A	1	.5	:					2
ASTR	6	1	M	A	0	.7	.					1
ARTR	3	1	M	A	0	2.3	⁝	.2	1.2	6		11
CHNA	3	1	M	A	0	1.7	:·	.2	1.3	5		10
CHNA	3	1	Y	A	0	1.0	⁝	.2	.8			
FEID	5	1	M	U	0	1.0	.					1
AGSM	5	1	M	A	3	1.0	:					2
SIHY	5	1	M	A	3	.7	:					2
SIHY	5	1	Y	A	2	.5	:					2
STCO	4	1	M	P	2	1.6	.					1
POSE	6	1	M	A	2	.5	.					1
ASTR	6	1	M	A	0	.3	.					1
ARTR	3	1	M	A	0	2.0	:·	.2	1.2	9		14
ARTR	3	1	Y	A	0	1.0	.·	.2	.8			
ARTR	3	1	S	A	0	.5	⁝	.2	.3			
CHNA	3	1	M	A	0	1.7	⁝	.2	1.5	7		13
CHNA	3	1	Y	A	0	1.0	::	.2	.8			

R7-13-2

Revised 08/18/77

3274

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9/9/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Weight Estimate and Dropping Count Data

FORM: V-3

DESCRIPTION: A table giving the weight of each plant species and the animal droppings on each plot

PREPARATION RESPONSIBILITY: Site inventory crew

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Weekly for 8 months

VOLUME OF UPDATE: 5,000

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

BUREAU OF LAND MANAGEMENT
STANDARD UNIT RECORD
FOR
WEIGHT-ESTIMATE AND
DROPPING COUNT DATA

RECORD TYPE V 3
STATE U T
DISTRICT 0 2
PLANNING UNIT 0 2
SITE NO. B 1 2 5
TRANSECT NO. 0 1
ACTION (A-ADD, D-DELETE) A

SECTION I - WEIGHT-ESTIMATE DATA (0' - 3' HEIGHT)

SPECIES	1	2	3	4	5	6	7	8	9	10	TOTAL
AGSP	6	-	12	18	-	4	10	4	2	4	60
FEID	-	3	1	-	6	2	-	4	3	1	20
AGSM	10	5	2	-	7	8	10	3	2	3	50
SIHY	12	20	5	5	6	3	7	12	18	22	110
STCO	5	3	7	8	2	3	2	3	-	2	35
POSE	4	3	2	1	5	1	-	6	8	-	30
BRTE	1	1	1	-	6	-	5	2	2	2	20
BASA	-	-	-	-	4	-	-	-	-	-	4
ASTR	21	11	13	5	7	5	8	10	7	3	90
SAKA	7	-	5	2	1	3	2	7	3	-	30
ARTR	10	30	12	8	18	-	25	62	18	22	205
ARAR	-	-	-	12	-	-	-	-	-	-	12
CHNA	13	7	12	-	20	5	22	23	14	14	130
Totals	89	83	72	59	82	34	91	136	77	73	796

DROPPING	C	1	2	-	3	3	2	1	2	2	2	18

3276

Prog. Area: 0132-AMP
Prep. By: JC/NW
Date: 9-9-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Weighted Average Utilization

FORM: Range 2

DESCRIPTION: A table that shows the utilization of individual palnts and the average utilization of plant species by grazing animals.

PREPARATION RESPONSIBILITY: Site Inventory Crew

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Weekly for 8 months.

VOLUME OF UPDATE: 5,000

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3276a

FORM RANGE 2
Page 1

SWA B125

WEIGHTED AVERAGE UTILIZATION

SPECIES	NO: PLANTS BY UTILIZATION CLASS PLANTS UTIL	WEIGHTED FACTOR	SPECIES	NO. PLANTS BY UTILIZATION CLASS PLANTS UTIL	WEIGHTED FACTOR
AGSP	·· 2 x 50	100	STCO	∷ 4 x 50	200
	· 1 x 30	30		· 1 x 30	30
	· 1 x 70	70		5 x	230
	· 1 x 0	0		x 230	= 46%
	5 x	200		x 5	
	x 200	= 40%	POSE	∴ 3 x 10	30
	x 5			: 2 x 30	60
FEID	·· 2 x 0	0		5 x	90
	· 1 x 30	30		x 90	= 18%
	· 1 x 50	50		x 5	
	4 x	80	BASA	· 1 x 10	0
	x 80	= 20%	ASTR	7 x 0	0
	x 4			· 1 x 10	10
AGSM	: 2 x 0	0		8 x	10
	: 2 x 50	100		x 10	= 2%
	∴ 3 x 30	90		x 8	
	7 x	190	ARTR	15 x 0	0
	x 190	= 26%	or ARAR	· 1 x 30	30
	x 7		CHNA	20 x 0	0
SIHY	: 2 x 0	0		x	
	∴ 5 x 30	150		x	
	: 2 x 50	100		x	
	· 1 x 10	10		x	
	10 x	260		x	
	x 260	= 26%		x	
	x 10			x	
	x			x	
	x			x	

32766

FORM RANGE 2

Page 2

SWA B145
page 2

WEIGHTED AVERAGE UTILIZATION

SPECIES	NO: PLANTS BY UTILIZATION CLASS PLANTS UTIL	WEIGHTED FACTOR	SPECIES	NO. PLANTS BY UTILIZATION CLASS PLANTS UTIL	WEIGHTED FACTOR
PUTR	∷ 4 x 30	120		x	
	⊐ 8 x 10	80		x	
	∵ 3 x 0	0		x	
	15 x	200		x	
	x 200	= 14%		x	
	x 15			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	

R7-15-3

3277

Prog. Area: 0134 - AMP
Prep. By: JC/NW
Date: 9-9-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Weighted Average Phenology

FORM: Range 3

DESCRIPTION: A table showing the growth stage of individual plants and the average stages for each species

PREPARATION RESPONSIBILITY: Site Inventory Crew

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Weekly for 8 months

VOLUME OF UPDATE: 5,000

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3277

FORM RANGE 3

SWA B125

WEIGHTED AVERAGE PHENOLOGY

SPECIES	NO: PLANTS BY PHENOLOGY CLASS PLANTS PHEN	WEIGHTED FACTOR	SPECIES	NO: PLANTS BY PHENOLOGY CLASS PLANTS PHEN	WEIGHTED FACTOR
AGSP	5 x 3	③		x	
FEID	3 x 5	15		x	
	1 x 4	4		x	
	4 x	19		x	
	x 19	= ⑤		x	
	x 4			x	
AGSM	7 x 5	⑤		x	
SIHY	10 x 5	⑤		x	
STCO	5 x 4	④		x	
POSE	5 x 6	⑥		x	
BASA	1 x 4	④		x	
ASTR	8 x 6	⑥		x	
ARTR	15 x 3	③		x	
ARAR	1 x 3	③		x	
CHNA	20 x 3	③		x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	

3278

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-9-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Production Per Unit Area By Phenology Stage And Relation To Maximum Production

FORM: Range 4

DESCRIPTION: A table showing the production of plant species at various stages of growth in relation to maximum production.

PREPARATION RESPONSIBILITY: Site Inventory Crew

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Weekly for 8 months

VOLUME OF UPDATE: 50,000

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3278

FORM RANGE 4
SPECIES ____________
PHENOLOGY STAGE ____________

PRODUCTION PER UNIT AREA BY PHENOLOGY STAGE AND RELATIONSHIP TO MAXIMUM PRODUCTION

A. Production per unit area.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

____ gms $\frac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = ____.____ x ____.____ x 3.147 = ____ sq.ft.

________ gms total

________ sq.ft. total

$\frac{\text{Total gms}}{\text{Total basal area}}$ ____ = ____ gms/sq.ft.

B. Relationship to maximum production for the season.

1. $\frac{\text{Total green wt/unit area at this stage of development}}{\text{Total green wt/unit area at maximum stage of development}}$ $\frac{\_\_\_\_}{\_\_\_\_}$ = ____%
2. Obtain the phenology adjustment reciprocal for this percentage from Phenology Adjustment Reciprocal Table.

R7-17-2

3280

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-12-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Average Availability By Location

FORM: Range 6

DESCRIPTION: A table showing plant species, total number of plants of species, the percentage available, partially available, unavailable, and a weighted factor for each.

PREPARATION RESPONSIBILITY: Site Inventory Crew

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Weekly for 8 months

VOLUME OF UPDATE: 10,000

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

5270

FORM RANGE 6

SWA B125

AVERAGE AVAILABILITY BY LOCATION

SPECIES	NUMBER OF PLANTS BY AVAILABILITY CLASS				WEIGHTED FACTOR
	PLANTS	AVAILABLE	PARTIALLY AVAILABLE	UNAVAILABLE	
AGSP	·· 2	100			200
	·· 2		50		100
	· 1			0	0
	5				300
				300/5	= 60%
FEID		100			
	⁚ 2		50		100
	⁚ 2			0	0
	4				100
				100/4	= 25%
AGSM	⊏ 7	100	———	→	100%
			50		
				0	
SIHY	☒ 10	100	———	→	100%
STCO	⁚⁚ 4	100			400
	· 1		50		50
	5				450
				450/5	= 90%
POSE	⁚⁚ 5	100	———	→	100%
BASA	· 1	100	———	→	100%
ASTR	☐ 8	100	———	→	100%
ARTR	☒⁚⁚ 15	100	———	→	100%
CHVA	☒☒ 20	100	———	→	100%
ARAR	· 1	100	———	→	100%

66

3281

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-12-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Proper Use Tables

FORM: Range 7

DESCRIPTION: A tabular form showing the plant species, maximum allowable use, and the percent of use for each season for a species of animal.

PREPARATION RESPONSIBILITY: District or RA Range and Wildlife Staff

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Bi-weekly for 2 months

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3281

FORM RANGE 7

STATE ☐☐
DISTRICT ☐☐
ANIMAL SPECIES ☐☐☐☐☐☐☐

PROPER USE TABLES

PLANT SPECIES	MAXIMUM USE ALLOWABLE	WINTER DATES 12/22-03/21	SPRING DATES 03/23-06/21	SUMMER DATES 06/22-09/22	FALL DATES 09/23-12/21

68

R7-19-2

3284 a, b

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-12-77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Documentation of Comparison Areas

FORM: Illustration 8

DESCRIPTION: Give record-type information on a comparison area

PREPARATION RESPONSIBILITY: Site Inventory Crew

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Monthly for 8 months

VOLUME OF UPDATE: 2,000 pages

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

69

3284a

DRAFT

ILLUSTRATION 8
Page 1 of 2

Bureau of Land Management
Standard Unit Record
For
Site Control Data
Documentation of Comparison Areas

Record Type		V	4
State		U	T
District		0	2
Township	0	9	S
Range	2	5	W
Comparison Area No.	0	0	1

DOCUMENTATION OF COMPARISON AREAS

1. Name of area Battle CREEK
2. Location SW 1/4 NW 1/4 SEC. 7
   (Legal Description)
3. Ownership of Land FEDERAL
4. Size and Dimensions of Comparison Area 160 ACRES.
5. Vegetative Community
6. SCS Range Site Name (if named)
7. Soils Taxanomic Unit 4001
   a. Soil Profile ______
8. Major Plant Species. AGSP, FEID, ARTR, PUTR
9. Management or Use Past 50 years (if known)
   NO LIVESTOCK USE FOR 20 YEARS
   SOME WILDLIFE USE
10. Type of Area (exclosure, right of way etc.)
    FENCED - UNALLOTED FOR LIVESTOCK USE
11. Evidence of possible influences (e.g., rodents, insects, disease, etc.)
12. Altitude 05320 Exposure W Slope 05%
13. General Description of Area AREA IS ALONG County ROAD 28 10 MILES WEST OF willow, UTAH

14. Date Established (If previoulsy established)________________

15. Vegetation Sampling

a. Has vegetation been sampled? YES

b. When and by what methods? SIM 08-15-77

c. Where are records retained? WILLOW DISTRICT OFFICE

16. Photographs

a. When? 08-15-77

b. Type of photo's? COLOR PHOTOGRAPHS

c. Where are they retained? WILLOW DISTRICT OFFICE

17. Geologic Formation

18. Is area protected from future distrubance? NO

a. If not what needs to be done to protect the area? Both legally and physically? AREA SHOULD BE WITHDRAWN FROM ALL TYPES OF ENTRY AND FENCE MAINTAINED

Report by LOU HERD Date 08-15-77

(Please fill in as many blanks as possible and include a map showing location of area.)

3287

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9/16/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Suitability Analysis by Site Write-up

FORM: Tabular

DESCRIPTION: A table showing the present and potential A/AUMs of a range site, treatment opportunities, SSF, condition and trend

PREPARATION RESPONSIBILITY: District or RA Range Specialists

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Bi-weekly for 8 month period

VOLUME OF UPDATE: 2,000

ARCHIVING REQUIREMENTS: Retain until superseded

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

R7-21-1

#3287

ILLUSTRATION 4

Bucksin Mtn. ALLOTMENT

SITE WRITEUP No. 2-12

SUITABILITY ANALYSIS BY ~~[illegible]~~ SITE WRITEUP

3827 - I. Acres/Animal Unit Month

Present 12

Potential

w/Management 8

w/Treatment (Lowest for treatments shown under V below) 6

II. Soil Surface Factor

Present 34

Potential

w/Management 26

w/Treatment (Lowest for treatments shown under V below) 21

III. Slope Percent 18

IV. Condition and Trend Good →

V. Treatment Opportunities

TYPE	Ac/AUM	SSF	TYPE	Ac/AUM	SSF
Plow and Seed	6	21	Burn	8	25
Burn and Seed	6	21	Spray	8	25
Spray and Seed	6	21	Chain ~~Chain & Seed~~		

VI. Ownership and Suitability (Total Acres in Writeup Area 1586)

Land Ownership	Suitability	Suitability Modifier	Acres
NEC	S	—	614
	PS	W	870
total			1484
State	PS	W	102

Site writeup B-121

R7-21-2

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-7-77

3316

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Other Unusual Events Causing Vegetation Changes

FORM: Tabulation.

DESCRIPTION: A list of unusual events other than precipitation or temperature that caused vegetation changes.

PREPARATION RESPONSIBILITY: District and RA range staff.

FORMAT: Sample attached.

DATA ENTRY PROCEDURE: To be decided.

FREQUENCY OF UPDATE: Annually.

VOLUME OF UPDATE: 500

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be decided.

REMARKS:

~~Input~~ Output.

33/6

OTHER UNUSUAL EVENTS CAUSING VEGETATION CHANGE.

Type of Event [1]	Year	Location		Acres Involved
		Long.	Lat.	

---

[1] Animals (gophers, prairie dogs, grasshopper infestations, Art
Disease (smut, etc.)
Fire events
Major land use changes (Agri., Roads-ORV, etc.).

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 9-7-77

3421a, b

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Ecological/Floristic Plant Species Field Data Report

FORM: Data form.

DESCRIPTION: Gives numerous detailed data on individual plant species or varieties.

PREPARATION RESPONSIBILITY: District and RA range staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Semi-annually.

VOLUME OF UPDATE: 200

ARCHIVING REQUIREMENTS: Retain permanently.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

3421a

Form (Draft)
April 1977

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Examiner
Date
Aerial Photo No.

ECOLOGICAL/FLORISTIC PLANT SPECIES FIELD DATA REPORT

1. State --	2. County --	3. District --	4. Resource Area --	5. Planning Unit --
6. Allot. ----	7. Watershed Area ---	8. Wildlife Area --	9. Base Meridian ---	
10. T. ---	11. R. ---	12. Section --	13. 1/4 Sec.	14. 1/4 1/4 Sec.
15. Lat. ° ' "	16. Long. ° ' "	17. Family Name		

(Scientific Name)

18. Plant Symbol -----	19. Genus	20. Species	21. Subspecies
22. Variety	23. Synonyms (By Genus, Species, Subspecies or Variety) List all known		

24. Common Names (not more than five)

25. Phenology -	26. Date of ob. (Julian) -----	27. Species origin -	28. Lifeform -	29. Life Cycle -
30. General Habitat -	31. Occurrence -	32. Special Value -	33. Poisonous -	34. Poisonous Species Action -
35. Poisonous Species Toxin --	36. Period of Toxicity (Julian dates) ----- to -----	37. Animals Affected ---		

Unique Species (Endangered or Threatened)

38. Status --	39. Species Condition -	40a. Population Size - 40b. Population Dimension -

Site where observed (be specific - at or near)

41. Threat to species or site - (describe)

42. Plant Collected - | 43. Photo Taken - (indicate size, etc.)

General comments on 38-43:

44. Vegetation Type (Sub) --- | 45. Associated Species (3 most abundant)

46. Elevation ______ (ft.) ______ (M)	47. Slope ---%	48. Exposure -	49. Soil Type	50. Ann. Precip. ___ In. ___ M

Management of use (past & present, if known)

Data & Records Consulted:

Persons Consulted:

SCALE:

LEGEND:

(show nearest landmarks)

REMARKS:

77
1

R7-23-2

GENERAL INSTRUCTIONS

District Office prepares one copy and files in the District Studies File.

Specific Instructions
(Items not listed are self-explanatory)

Items 1 - 14, State and District Codes - code according to BLM Man. 1265.

Items 15 & 16 - Location - Lat. and Long. are for future use.

Item 25 - Phenology Stage	Code No.
Begin Growth	1
Vegetat. Peak Flowering	2
Seed Ripe	3
Mature	4
Dormant	5
Regrowth	6

Item 27 - Species origin	Code No.	Example
Native	N	
Introduced	I	Crested wheat grass
Naturalized	A	Bromus tectorum, Senecio jacobea

Item 28 - Life Form	Code No.
Tree	T
Shrub	S
Forb	F
Grass	G
Grasslike	X
Moss	M
Lichen	L
Other	O

Item 29 - Life Cycle	Code No.
Perennial	P
Biennial	B
Annual	A

Item 30 - General Habitat	Code No.
Terrestrial	T
Aquatic	A
Riparian	R
Marine	M
Combination	C

Item 31 - Occurrence	Code No.
Abundant	A
Common	C
Occasional	O
Scarce	S
Rare	R
Endemic	E

Item 32 - Special Values	Code No.
Medicinal	M
Religious	R
Commercial (livestock grazing	C
Horticultural	H
Other	O

Item 33 - Poisonous Species	Code No.
Yes	Y
No	N
Unknown	O

Item 34 - Poisonous Species Action	Code No.
Acute	A
Cumulative	C

Item 35 - Poisonous Species Toxin

	Code No.		Code No.
Glucoside	1	Molydenum	9
Saponin	2	Arsenic	10
Alkaloid	3	Copper	11
Tremetol	4	Nitrate	12
Essential Oil	5	Resinoid	13
Organic Acid	6	Silica	14
Fluorescent Pigment	7	Oxalate	15
Selenium	8	Other	16

Item 36 - Poisonous Species Period of Toxicity --- to --- (Julian).

Item 37 - Poisonous Species, Animals Affected	Code No.
Man	M
Cattle	C
Horses	H
Burros	B
Sheep	S
Goats	G
Wildlife	W

Item 38 - Unique Species' Status
Enter status by picking one or more of the following codes:

	Code No.
Endangered-Under Endangered Species Act of 1973 (Fed. Act)	1
Threatened-Under Endangered Species Act of 1973 (Fed. Act)	2
Endangered-Under State Endangered Law or Desigation	3
Threatened-Under State Endangered Law or Designation	4
Listed - List District	5
Other - Other Significant Special Status	6

Item 39 - Unique Species Condition	Code No.
Increasing	I
Stable	S
Decreasing	D

Item 40 - Unique Species, Population Size or Dimension	Code No.
a. Relative Numbers	
1-50	A
51-100	B
101-150	C
151-200	D
>200	E
b. Size	
Less than 1 acre	A
1-10 acres	B
11-40 acres	C
41-80 acres	D
81-160 acres	E
161-640 acres	F
Over 640 acres	G
Disjunct	H

Item 41 - Unique Species Threat

	Code No.		Code No.
Fire	F	Recreational	R
Construction	C	Disease	D
Mining	M	Insects	I
Grazing	G	Logging	L
Commercial	P	Noncommercial	N
Scientific	S	Other	O
Educational	E		

Item 42 - Plant Collected	Code No.
Yes	Y
No	N

Item 43 - Plant Photographed	Code No.
Yes	Y
No	N

Item 44 - Major Vegetation Type - Symbols are found in BLM Manual 1265, Appendix 1, Page 126.

Item 48 - Exposure or Aspect	Code No.
North	1
East	2
South	3
West	4
Flat	5

Item 49 --Soil Type - See Manual 7312.13.Ea

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 9-7-77

3428

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Phenology Inventory

FORM: 4411-1

DESCRIPTION: Form giving the dates of various growth stages of plant species.

PREPARATION RESPONSIBILITY: District & RA staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Monthly.

VOLUME OF UPDATE: 200

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

Form 4411-1
(Revised 1976)

3428

INSTRUCTIONS
ON REVERSE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DISTRICT
R.A.

PHENOLOGY INVENTORY

Species	Examiner	Allotment

DATE	PHENOLOGY							SITE CHARACTERISTICS					ELEVATION	LOCATION OF OBSERVATION
	BEGIN GROWTH	[illegible] VEGETATIVE	PEAK FLOWERING	SEED RIPE	MATURITY	DORMANCY	REGROWTH	SLOPE (percent)				ASPECT		
								0-20	21-35	36-55	56+			

Remarks

Prog. Area:
Prep. By: JC/NW
Date: 9-7-77

3440

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Location of Unique Plant Species

FORM: Graphic overlay.

DESCRIPTION: Locates threatened, endangered, noxious, or poisonous species of plants on a map overlay.

PREPARATION RESPONSIBILITY: District and RA Range Staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Annually.

VOLUME OF UPDATE: 800

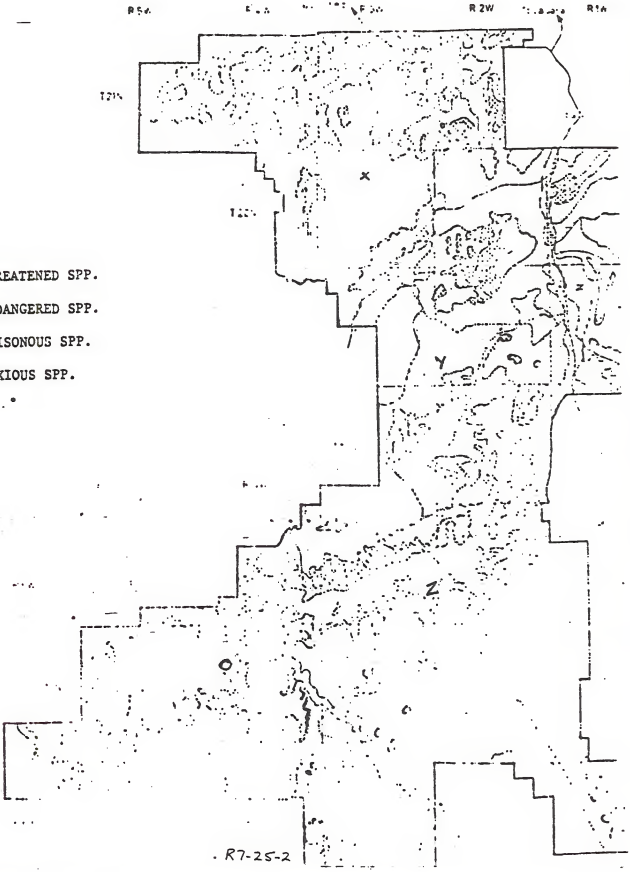
ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

TABLE 3440 UNIQUE SPECIES



Legend

X	THREATENED SPP.
Y	ENDANGERED SPP.
Z	POISONOUS SPP.
O	NOXIOUS SPP.

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 9-7-77

3460

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Animal Species and Habitat Data

FORM: Table

DESCRIPTION: Gives the common and scientific name of animal species, population status and habitat preference.

PREPARATION RESPONSIBILITY: District and RA wildlife and range staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Annually

VOLUME OF UPDATE: 2,000

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

Table 3460

Animal Species and Habitat Data

____ ________ Grazing es Area

________________ District

__________ Planning Unit

________________ State

Common Name	Scientific Name	Population Status	Habitat Preference	
		Reptiles		
Snake	Anus Snakeir	Common	Reparian	
		Mammals		
Raccoon	Ringus Tailii	Threatened	Eucalyptus Treetops	

87-26-2

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 9-7-77

3461

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Animal Distribution Overlay

FORM: Graphic overlay

DESCRIPTION: Shows the habitat boundaries of all the various species of animals.

PREPARATION RESPONSIBILITY: District and RA staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Annually.

VOLUME OF UPDATE: 2,000.

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

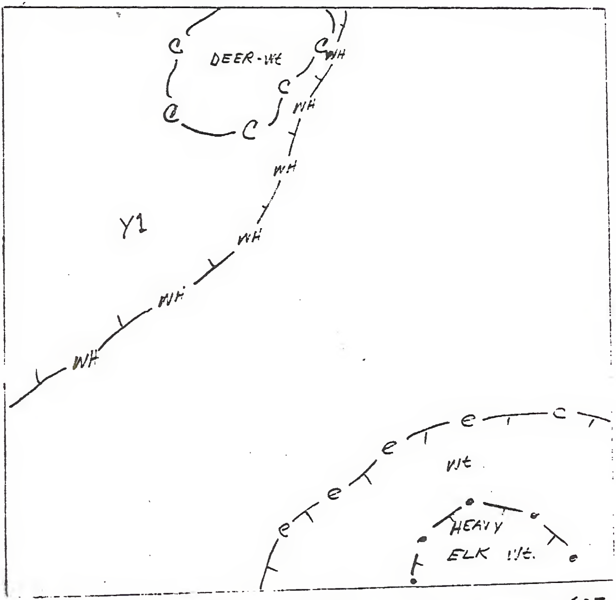
SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

3461

STATE
DISTRICT
RESOURCE AREA
P.U.

ANIMAL DISTRIBUTION



Legend - Use standard symbols BLM Manual 1605
Cattle Use - over entire area, Sp-Fa

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9-7-77

3580

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: WH&B Bands

FORM: Graphic overlay

DESCRIPTION: An overlay showing the location of the different bonds of WH&B on date observed.

PREPARATION RESPONSIBILITY: District and RA range & WH staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Monthly

VOLUME OF UPDATE: 500

ARCHIVING REQUIREMENTS: Retain indefinitely.

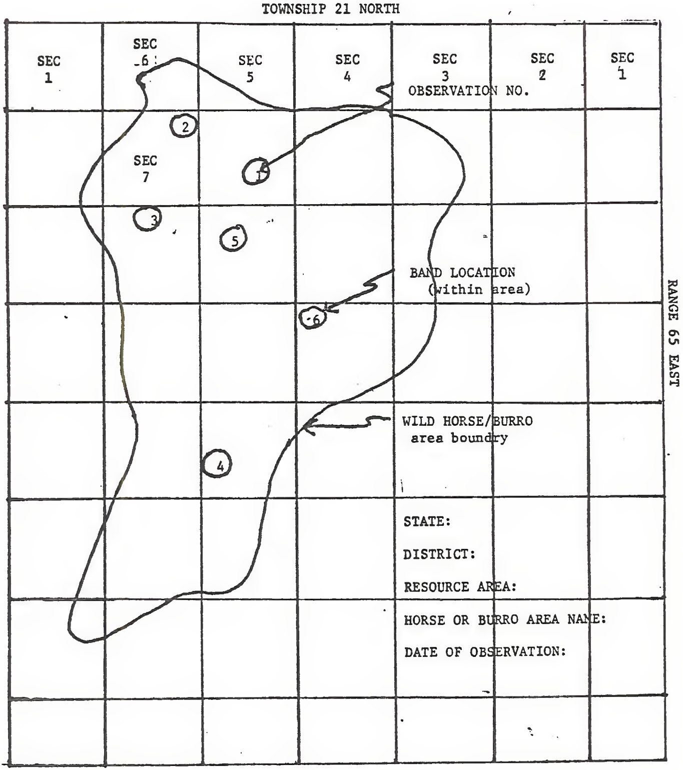
ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

TABLE: #3580

WH&B BAND OBSERVATION
MAP OVERLAY-WILD HORSE/BURRO AREA



STATE:

DISTRICT:

RESOURCE AREA:

HORSE OR BURRO AREA NAME:

DATE OF OBSERVATION:

.88

R7-28-2

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9-7-77

3581

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Wildhorse and Burro Inventory

FORM: Tabular form 4412-24

DESCRIPTION: Shows sex, color, markings, age group of individual animals.

PREPARATION RESPONSIBILITY: District and area range and WH specialists.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Monthly.

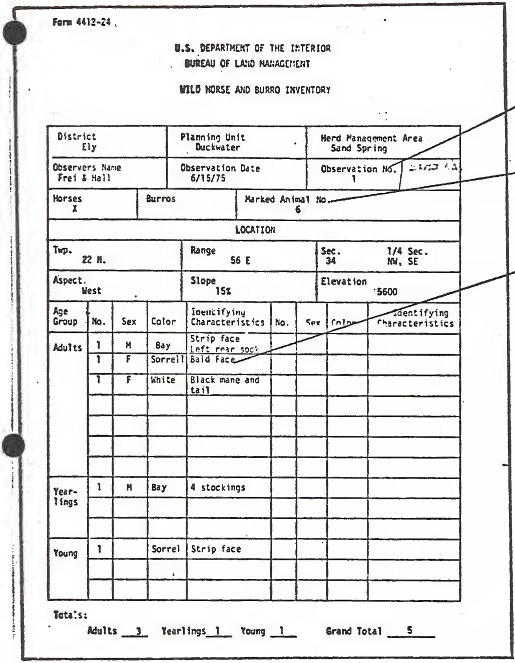
VOLUME OF UPDATE: 500

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:



Form 4412-24

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WILD HORSE AND BURRO INVENTORY

District Ely	Planning Unit Duckwater	Herd Management Area Sand Spring
Observers Name Frei & Hall	Observation Date 6/15/75	Observation No. 1

Horses X	Burros	Marked Animal No. 6

LOCATION

Twp. 22 N.	Range 56 E	Sec. 34	1/4 Sec. NW, SE
Aspect. West	Slope 15%	Elevation 5600	

Age Group	No.	Sex	Color	Identifying Characteristics	No.	Sex	Color	Identifying Characteristics
Adults	1	M	Bay	Strip face Left rear sock				
	1	F	Sorrell	Bald Face				
	1	F	White	Black mane and tail				
Yearlings	1	M	Bay	4 stockings				
Young	1		Sorrel	Strip face				

Totals:
Adults 3 Yearlings 1 Young 1 Grand Total 5

INSTRUCTIONS

Optional use: May be used to keep consecutive observations separate from one another.

If a marked animal is involved, indicate consecutive number of times the marked animal has been observed and recorded.

Describe all leg, body and facial markings which can be identified. Record for each animal.

INSTRUCTIONS

PLANT SPECIES UTILIZED AND PHENOLOGY

1. Eula | Start growth 2. Mija | Dormant 3. |

4. | 5. |

WEATHER CONDITIONS

Dry spring following dry winter.

EVIDENCE OF OTHER ANIMAL SPECIES OR EXTERNAL INFLUENCES: Horses were grazing within 100 yards of 15 antelope.

ENCOUNTER REACTIONS: Ran North for one mile into rolling foothills.

DORMANT VEGETATION: Blacksage - Shadscale

SUSPECTED WATERING LOCATION: Sabala Spring located 2 miles South of where horses were first observed.

REMARKS: The bay stud had a blue neck band. This is the sixth time this horse has been observed in the general area. He has lost all of the mares which were with him when his neck band was installed. These mares have been replaced with a sorrel mare with a bald face and a white buckskin mare. A bay yearling has also joined the band.

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9-7-77

3583

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: WH&B Marked Animal Report

FORM: 4412-24

DESCRIPTION: Gives description of animal, markings and methods and techniques of capture, drugs used and effects.

PREPARATION RESPONSIBILITY: District and RA WH&B specialists.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Monthly.

VOLUME OF UPDATE: 500

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

3583
(Illus. No.)

Section No.
and Title
[illegible]

4412 - PHYSICAL RESOURCE STUDIES

WILD HORSE OR BURRO MARKED ANIMAL REPORT

Illustration 31
Form 4412-24
(.31B2)

Form 4412-24

U.S. Department of the Interior
Bureau of Land Management

Wild Horse or Burro Marked Animal Report

District__________ Planning Unit__________ Herd Mgt. Area__________

Name__________ Marked Animal No.__________ Date__________

Location__________

Description of Marked Animal:

Horse____ Burro____ Age____ Sex____ Weight____ Condition__________

Color Characteristics__________

If Animal was Artificially Marked, Describe Technique Used:

____

Description of Animals Associated with Marked Animal at Time of Marking:__________

____

____

Capture Technique Used: (If applicable, check appropriate space)

Roping______ Dry Trapping______ Water Trapping______ Snare Trap______

Immobilization______ Other (describe)__________

If Immobilization was Checked Above, Complete the Following:

Drug Used__________ Dosage__________mg. Dosage__________Vol.

Injection Site (Left Shoulder,etc.)__________

Behavior at Time of Injection (run,walk,etc.)__________

Visual Drug Effects from Time of Injection (Sequence of Events)

A. ______Sec. or Min. __________ D.______Sec. or Min. __________

B. ______Sec. or Min. __________ E.______Sec. or Min.__________

C. ______Sec. or Min. __________ F.______Sec. or Min.__________

Time of Injection to Immobiliation__________

Distance Traveled__________

Effects of Drug: Pulse__________ Respiration__________

Muscle Tremor__________ Sweating__________

Salivation__________ Pupil Dialation__________

Other Reactions or Comments__________

Mortality: (If Applicable): Cause of Death__________

Symptoms Preceeding Death__________

Recommended Future Action__________

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9-7-77

3585

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: WH&B Aerial Survey

FORM: Tabular

DESCRIPTION: Shows observation No., date and numbers of animals by color and age class.

PREPARATION RESPONSIBILITY: District or RA aerial observer.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Monthly

VOLUME OF UPDATE: 500

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

#3585

WH&B AERIAL SURVEY INVENTORY

(DISTRICT SURVEY FORM)

Observ. No.	Total Number	Adult	Year-lings	Colts	Grays	Blacks	Other	Rema Dat

Remarks:

R7-31-2

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9-7-77

3587

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Classification of WH or B Summary

FORM: Tabular

DESCRIPTION: Table showing location of animals by year and age classes with foals, yearling per 100 animals and percent mortality.

PREPARATION RESPONSIBILITY: District and RA WH and Range specialists.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Annually

VOLUME OF UPDATE: 150

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

CLASSIFICATION OF WH & B SUMMARY

Actual Count -- Helicopter

Date	Adults	Yearlings	Colts
Jan 1975	161	No Count	34 (6 mo. old)
Aug 1975	170	17	33
Jan 1976	152	14	30

Count by Area -- Helicopter

January 1975:

Location	Adults	Yearlings	Foals	Foals/ 100 A.	YEARLINGS/ 100 A	Percent Mortality
Granite Mountain	29	No Count	5	17.2		
Wildcat Mountain	8	" "	3	37.5		
Rydalch	10	" "	4	40.		
English Village area	44	" "	9	20.5		
Wig Mountain area	70	" "	13	18.6		
TOTAL	161		34	21.1		

August 1975:

Location	Adults	Yearlings	Foals	Foals/ 100 A.	YEARLINGS/ 100 A	Percent Mortality
Granite	38	4	13	34.2	10.5	39
Wildcat Mountain	0	0	0			
Rydalch	28	3	3	10.7	10.7	73

3587b

				Foals/100 A	YEAR/100A	% mortality
English Village area	37	5	10	27.	13.5	34
Wig Mountain area	67	5	7	10.5	7.5	60
TOTAL	170	17	33	19.4	10.0	53%
January 1976:						
Granite	39	4	14	35.9	10.3	40
Wildcat Mountain	7	1	3	42.3	14.3	62
Rydalch	13		1	7.7	0	100
English Village area	24	4	4	16.7	16.7	3.8
Wig Mountain area	69	5	8	11.6	7.3	61.0
TOTAL	152	14	30	19.7	9.2	56%

Additional Data:

Average Band Size -- 4.8

Sex Ratio -- 50/50

In October of 1975, 10 adults, 4 colts and 4 yearlings were removed from Dugway Proving Ground. These horses were creating a problem in the housing area of Dugway. In analyzing these data this removal did not affect the mortality figures in age class 0-1. This is significant because it indicates that comparable samples will produce accurate mortality data even though exactly the same animals were not counted on subsequent flights. The removal did affect total numbers. The January 1976 count may be adjusted to 162 adults, 18 yearlings and 34 colts.

The data also indicates that the 50+ percent mortality in age class 0-1 is occurring during the period January-August. Probable reasons for this are foals being weaned in the early spring, tough spring storms and the natural die-off of animals that typically occurs during this period of time. In most wild populations, die-offs will occur in the spring after it appears that animals should survive. (Refer to any standard wildlife populations study.)

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9-7-77

3600

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: WH&B Home Ranges.

FORM: Graphic overlay.

DESCRIPTION: An overlay showing boundary of home range of each WH&B band, the WH or B area, herd management area and land ownership.

PREPARATION RESPONSIBILITY: District and RA staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Annually.

VOLUME OF UPDATE: 150

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

99

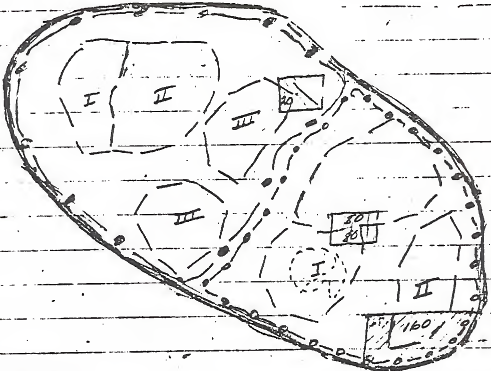
#3600

WILD HORSE (OR BURRO) HOME RANGES

STATE
DISTRICT
R. A.
P. U.
WH (OR BURRO) AREA NAME
WH (OR BURRO) AREA NUMBER

Month: ______

Year: ______



Legend:

●—● x (Name) x Herd Mgm't Area, No. x—x

●-●-● (Name) Herd Mgm't Area, No. x—x

I Band Number, Home Range

WH (or Burro) Area

100,000 NRL, acres

300 Other Federal-acres

160 State, Acres

160 Other, Acres

---- Trails

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9-8-77

3608

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Percentage of Forage Categories in Animal Diets

FORM: Tabular

DESCRIPTION: A form that shows the percent of each plant species in the diet of herbivore species.

PREPARATION RESPONSIBILITY: Fecal Analysis Laboratory in coordination with District or RA staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Quarterly.

VOLUME OF UPDATE: 500

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

TABLE 3608 PERCENTAGE OF FORAGE CATEGORIES OF ANIMALS

Percentages of forage categories in the diets of wild horses, cattle, sheep and prohghorns determined by the microhistological analysis of feces technique (400 fields at 100X were examined per sample); Ely District Nevada

	Horses					Cattle		Sheep		Antelope				
	Spring	Summer	Fall	Winter	Composite	Summer	Composite	Fall	Winter	Spring	Summer	Fall	Winter	Compos
Three awn (Aristida)						.34								
Blue grama (Bouteloua gracilis)		1.38	.06		1.89	.17	2.87							
Cheatgrass Bromus tectorum)	2.03					.08		.13						
Sedge (Carex)	1.12	.16			.24		.15							
Wild rye (Elymus)	9.16	.51	.28		.40	.68	.77							
Galleta (Hilaria Jamesii)	2.88	41.40	5.26	8.55	22.18	63.67	62.06	.03	2.10		.23		.06	
Indian ricegrass (Oryzops hymenoides)	14.30	10.52	1.76	2.64	10.96	2.80	3.37	.23	.21	.20	1.92			
Squirrel tail (Sitanion hystrix)	12.26	1.04	1.24	.87	1.14	.85	3.29	.20	.47		.31			
Dropseed (Sporobolus)	.58	1.68	.09	.74	7.34	9.77	5.85		.05					
Needlegrass (Stipa)	47.65	5.36	2.46	5.99	30.75	6.35	.93	.20	2.67		2.16			
Unknown grass	.16			.49	.49		.08			.03				
Wheatgrass Agropyron)								.17						
Sagebrush (Artemisia)	.24							3.25	1.99	16.05	47.24	96.34	11.53	49
Saltbrush (Atriplex)		.31	1.73	7.68	1.64	3.72	3.04	2.21	22.83	1.71	3.18	.03	1.79	1
Balsam root (Balsamorhiza)								.07						
Rubber rabbitbrush (Chrysothamnus nauseosus)						.08								
Douglas rabbitbrush (Chrysothamnus viscidiflorus)											.08		.03	
Tansy Mustard (Descurania)	.32			.49		.51	3.46		.15	81.07	7.59	.03	86.35	49
Morman Tea (Ephedra)						.51			.05					
Wall flower (Erysimum)				.12										
Wright buckwheat (Eriogonum wrightii)														
Winterfat (Eurotia lanata)	8.03	7.29	86.90	70.45	22.82	7.81	9.57	91.83	68.55	.03	.15			
Halogeton (Halogeton glomeratus)	.32					1.99	1.16	.07	.21					
Spiny Hopsage (Grayia spinosa)								.07		.03				
Juniper (Juniperus Utahensis)							.46							
Opuntia										.44	1.10	3.11	.15	
Phlox (Phlox hoodii)	.39			.25	.24			.27			.08			
Greasewood (Sarcobatus vermiculatus)	.16													
Russian thistle (Salsola Kali)				.12										
Nightshade (Solanum)						.08	.15							
Globe Mallow (Spaeralcea coccinia)						.25	1.23		.31	.14	35.03	.49	.03	
Seed					.08						.15			
Unknown Chenopod		.08			.16									
Unknown Composite (Artemisia type)								1.27		.12				
Unknown Composite	.32									.09				
Unknown Forb		.27	.22	1.24	.08				.05	.06	.39		.06	
Unknown Legume	.08			.37		.34	1.56		.36		.39			
Moss										.03				

R7-34-2

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9-8-77

3660

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Associated Animals Data

FORM: Tabular

DESCRIPTION: Gives the number of animals by species, percent of WH&B area in their habitat, forage and water consumed.

PREPARATION RESPONSIBILITY: District and RA range and wildlife staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Quarterly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

103

104

R7-35-2

[illegible]
[illegible]
[illegible]

REPORT LAYOUT FORM

6 LINES PER INCH

# 3660 PROGRAM [illegible] 4.2.2.2.46 PAGE 1 DATE 1-13-77

STATE
DISTRICT
PU
RA
WH AREAS # No
WB AREAS : NAME

ASSOCIATED ANIMAL SPECIES

ANIMALS	COWS	SHEEP	GOATS	DEER	ELK	ANTELOPE	BIG HORN SHEEP	MOUNTAIN LION
NUMBER	200	50	2	50	10			
% ACRES OF HABITAT IN WH&B AREA	100	10	03	43	05			
AUM OF FORAGE CONSUMED	5000	300	40	200	25			
GALLONS OF WATER CONSUMED	2000	50	10	50	10			

Note: LIST OF Associated Animal Species should only include those present on the input form.

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9-8-77

3662

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Associated Animal Species in Habitat Area.

FORM: Graphic Overlay

DESCRIPTION: An overlay showing habitat boundaries of the various species of animals in the area.

PREPARATION RESPONSIBILITY: District and RA range and wildlife staff.

FORMAT: See sample.

DATA ENTRY PROCEDURE: To be determined.

FREQUENCY OF UPDATE: Quarterly.

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain indefinitely.

ACCESS LIMITATIONS: None.

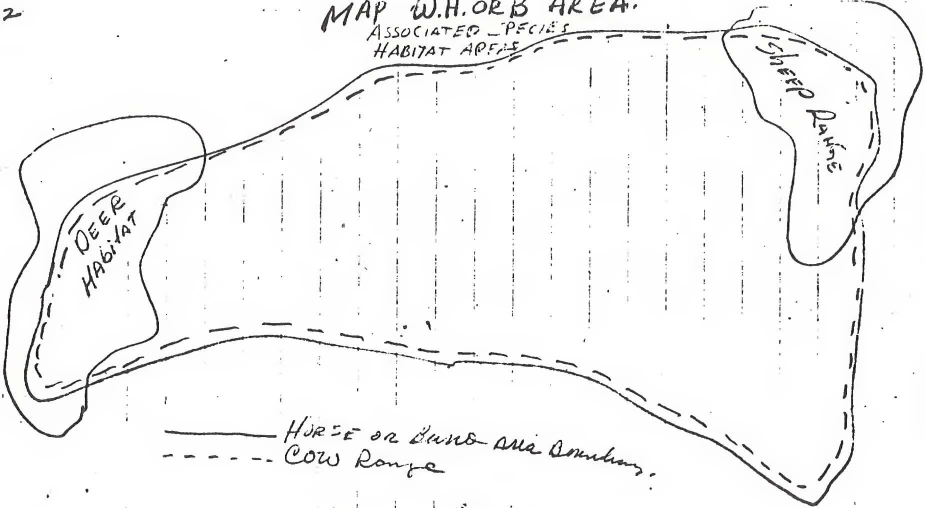
SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined.

REMARKS:

#3662

MAP W.H. OR B AREA.

ASSOCIATED SPECIES
HABITAT AREAS



3672

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9/8/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: WH&B Crucial Areas

FORM: Graphic Overlay

DESCRIPTION: Shows the boundaries of seasonal use areas and any areas critical to animal survival, movement patterns

PREPARATION RESPONSIBILITY: Range or WH&B specialists

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Quarterly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain indefinitely

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

TABLE 3672

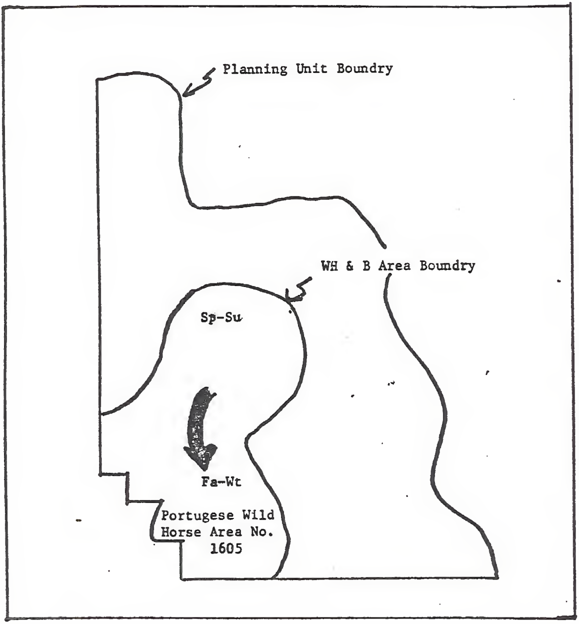
WH & B CRUCIAL AREAS

Date: ____________ Planning Unit: ____________

State: ____________

District: ____________

R. A.: ____________



Crucial Areas

Sp-Su-Wt-Fa	Seasonal Use Areas
⇒	Movement Patterns

3674

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9/8/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Features Affecting WH&B Herd Movement

FORM: Graphic overlay

DESCRIPTION: Depicts any physical features such as fences, roads, escarpments that interfere with the movement of WH&B

PREPARATION RESPONSIBILITY: District and RA range staff

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Quarterly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain until superseded

ACCESS LIMITATIONS: None

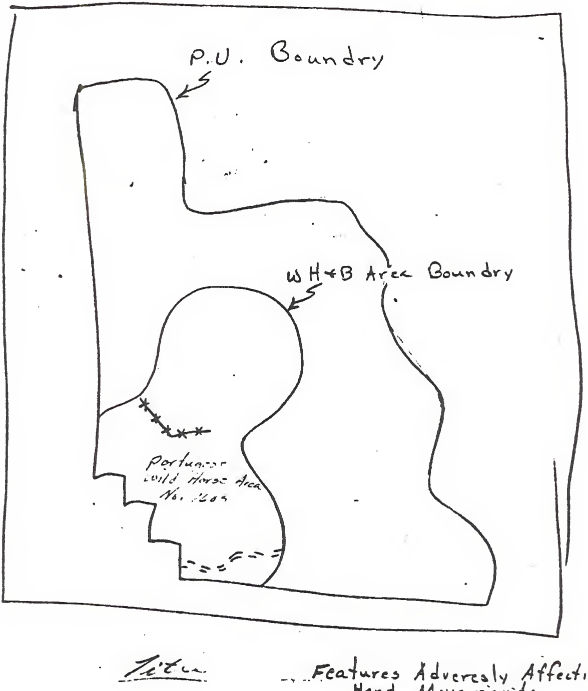
SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3674

4.2.2.3.1 Output 3
Step 3 URA

Date:
State:
District:
R.A.:
P.U.:



Title: Features Adversely Affecting WH&B Herd Movements

+++ Fences
=== Roads

3676

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9/8/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: WH&B Observation Points

FORM: Graphic overlay

DESCRIPTION: Shows the location of points from which WH&B can be observed

PREPARATION RESPONSIBILITY: District and RA range staff

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Quarterly

VOLUME OF UPDATE: 10

ARCHIVING REQUIREMENTS: Retain until superseded

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

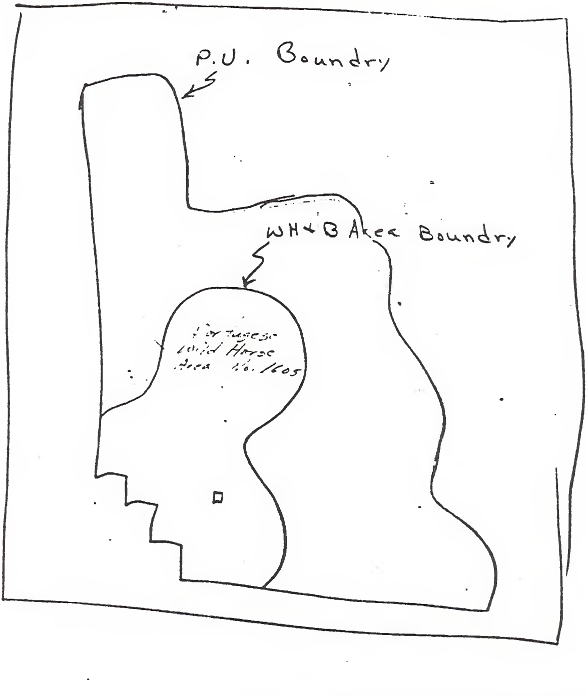
///

3676 4.2.2.3.1

Output 4
Step 3 URA

Date :
State :
District :
R.A. :
P.U. :

OBSERVATION POINTS



□ viewpoints From which WH&B's can be observed

3678

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9/8/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: WH&B Detrimental External Influences

FORM: Graphic overlay

DESCRIPTION: Any use of activity that adversely affects WH&B such as mining, ORV use

PREPARATION RESPONSIBILITY: District and RA range staff

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Quarterly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain until superseded

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

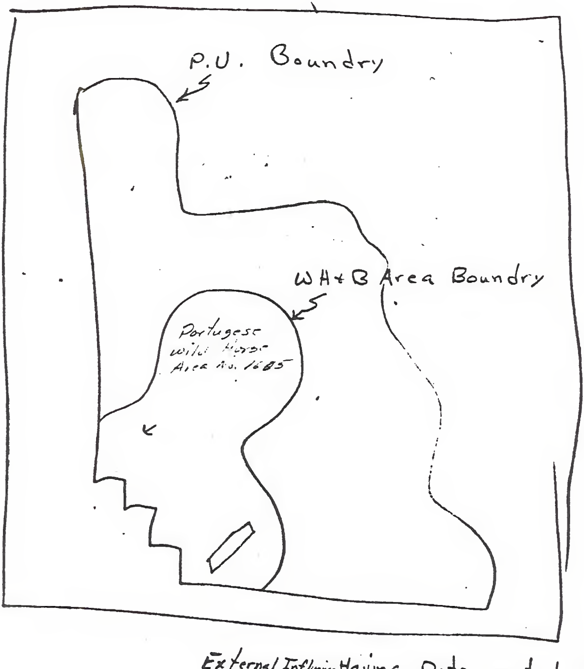
REMARKS:

3678 4.2.2.3.1 Output 5

Step 3 URA

Date :
State
District
R.A.
P.U.

WH&B DETRIMENTAL EXTERNAL INFLUENCES



External Influences Having Detrimental Effects on WH&B's

▭ - ORV use Area

↙ - Mining Area

Prog. Area: 0137-WH&B
Prep. By:
Date:

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Potential Herd Management Areas

FORM: Graphic overlay

DESCRIPTION: Shows the boundaries of the potential herd management areas

PREPARATION RESPONSIBILITY: District and RA range staff

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Quarterly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain until superseded

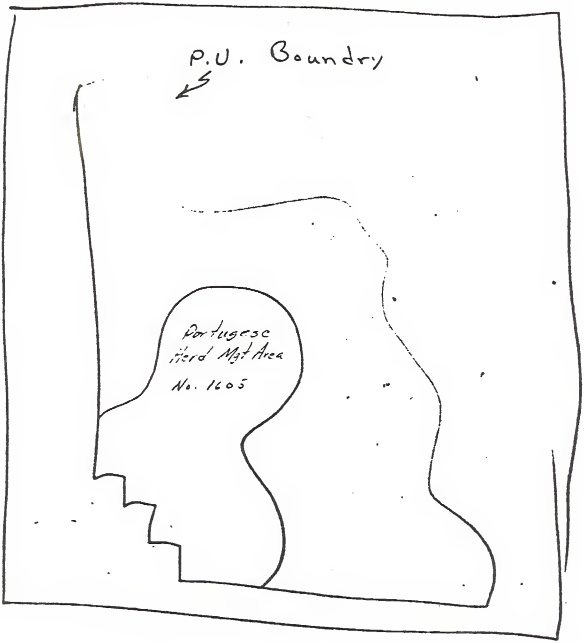
ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

REMARKS:

3690 4.2.2.3.2 Output 1
Step 4 UPA

Date
State
District
R.A.
P.U.



—— potential Herd Mgt. Areas

3692

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9/8/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Natural Habitat Improvement Areas

FORM: Graphic overlay

DESCRIPTION: Shows boundaries of areas that can be improved naturally by method of improvement such as change in season of livestock use, etc.

PREPARATION RESPONSIBILITY: District and RA range staff

FORMAT: see sample

DATA ENTRY PROCEDURE: to be determined

FREQUENCY OF UPDATE: quarterly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain until superseded

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

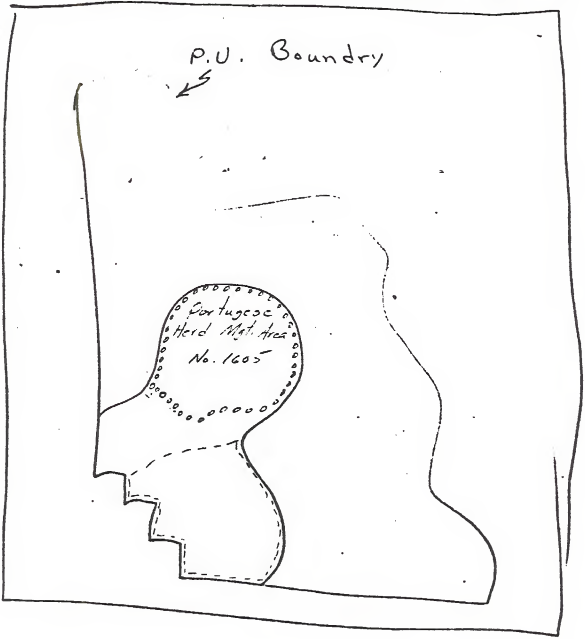
REMARKS:

3692 4.2.2.3.2

Output 2
Step 4 URA

State
District
R.A.
P.U.

Habitat Improvement Areas - Natural



◌ - Livestock Reduction

∘ - Change in season of Livestock Use (sp, su to wt, fa)

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9/8/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Artifical Habitat Improvement Areas

FORM: Graphic overlay

DESCRIPTION: Shows boundaries of various kinds of land treatments, fence removal, hazard removal, etc.

PREPARATION RESPONSIBILITY: District and RA staff

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Quarterly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain until superseded

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

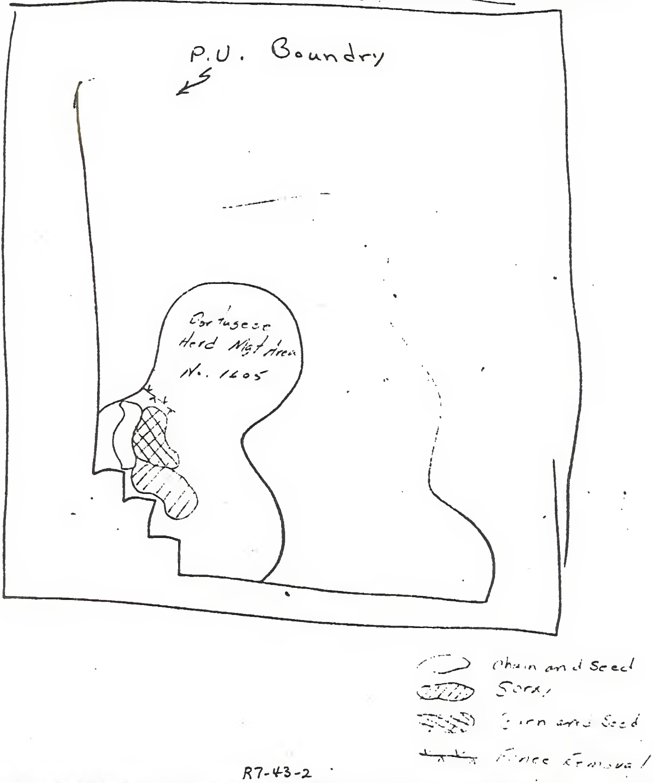
REMARKS:

3694   4.2.2.3 2

Ju[illegible]
Step 4 UN[illegible]

State
District
R.A.
P.U.

Habitat Improvement Areas, - Artificial
~~Artificial Potential Opportunities - WHB~~



3696

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9/8/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Potential Water Developments

FORM: Graphic overlay

DESCRIPTION: Shows location by type of possible water developments

PREPARATION RESPONSIBILITY: District and RA staff

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Quarterly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain until superseded

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

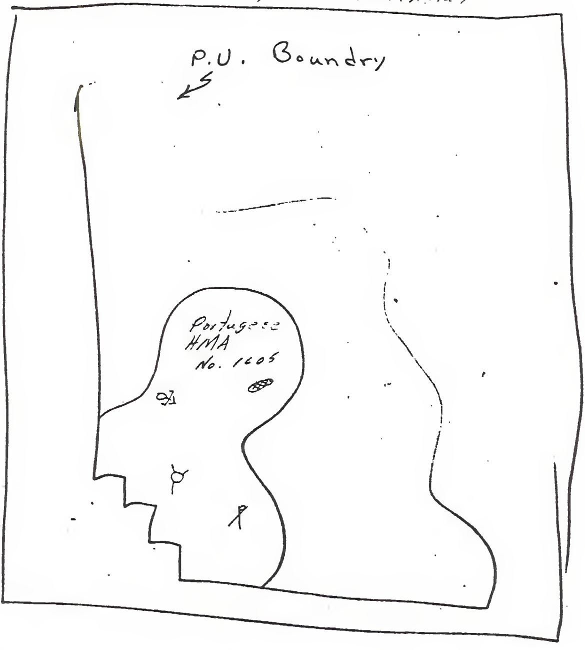
REMARKS:

3696 4.2-2.3.2

Output 4
Step 4 URA

State
District
R.A.
P.U.

Water Development Potential



Spring Development
Reservoir
Well
Catchment

3698

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 9/8/77

DATA SOURCE DESCRIPTION
(DATA BASE MAINTENANCE)

TITLE/DESIGNATION: Potential WH&B Facilities

FORM: Graphic overlay

DESCRIPTION: Shows the location by type of range facilities needed such as spring developments, wells, traps, etc.

PREPARATION RESPONSIBILITY: District and RA range staff

FORMAT: See sample

DATA ENTRY PROCEDURE: To be determined

FREQUENCY OF UPDATE: Quarterly

VOLUME OF UPDATE: 50

ARCHIVING REQUIREMENTS: Retain until constructed

ACCESS LIMITATIONS: None

SPECIAL EDIT/AUDIT/VALIDATION REQUIREMENTS: To be determined

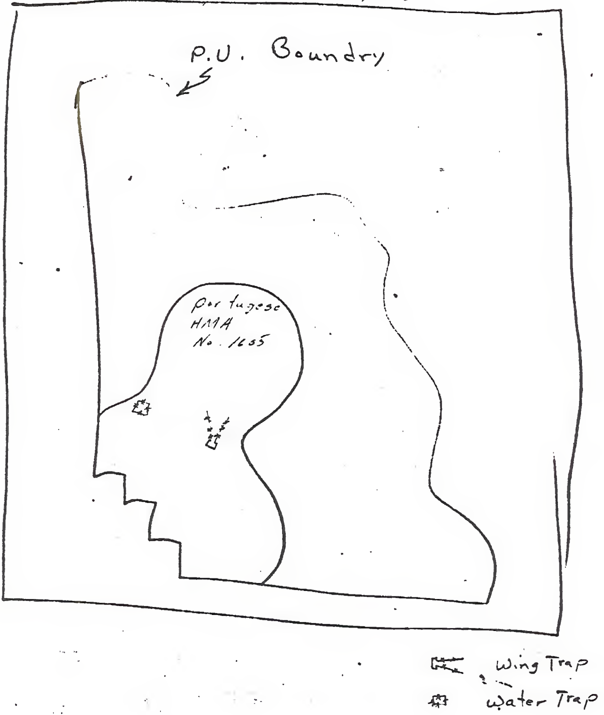
REMARKS:

3698 4.2.2.3.2

Output 5
Step 4 URA

State
District
R.A.
P.U.

Wild Horse/Burro Facilities



Prog. Area: 0134 - AMP
Prep. By: NW/JC
Date: 7/1/77

#3210

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Allotment Land Ownership, Jurisdiction and Control

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Listing of Aums, Acreage, and percentages of auns and acreage by various categories of grazing breakdowns with grazing allotments.

USER(s):	Resource Area Manager and Range Specialists District Manager & Staff State Director & Staff	LOCATION(s):	Area Office District Office State Office

USAGE: Used in conjunction with SIM for determining AUM's by ownership and jurisdiction and in establishing amount of grazing fees. Totals are used in preparing annual grazing Statistical Report. Also basis for cooperative agreements. Basis for determining intensity of multiple use management.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Entire report of all allotments scheduled annually or semi-annually at a set time by each resource area. As changes occur or for special uses, individual allotment reports run as needes. (5 per year per resource area)

DEPENDENCIES: Specific date in conjunction with grazing application filing date for annual or semi-annual reports.

REQUEST PARAMETERS: District, Resource Area, Planning Unit, Allotment, WH&B Area

#3210

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Allotment Land Ownership, Jurisdiction and Control

SORT ORDER: District, Resource Area, Planning Unit, Allotment, WH&B Area

ESTIMATED VOLUME: 8,000 pages for annual report
1 to 100 pages for Special Reports

COMPUTATIONS/PROCESSES:
Subtotaling and Totaling (See sample layout)

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

#3210 BUREAU OF LAND MANAGEMENT 4.1.13.2. AMP 132

DSC 1265-1

March, 1969

REPORT LAYOUT FORM

6 LINES PER INCH

(8½ X 11)

Cut. [illegible] #1
(2 pages)

PROGRAM DESCRIBE ALLOTMENT Folder 1

PAGE

DATE ______

0100-0004 1 AREA
0100-0573 2 DISTRICT
100-0418 3 RESOURCE AREA
100-1075 4 PLANNING UNITS

ALLOTMENT LAND OWNERSHIP, JURISDICTION AND CONTROL

100-0969 8 ALLOTMENT NAME: CLASS OF LIVESTOCK CATTLE
132-168 9 ALLOTMENT NO.

INSIDE GRAZING DISTRICT (134-[illegible])

11 MAJOR (URBAN) AREA NAME
12 MAJOR (B) NO.

LANDS SUBJECT TO MANAGEMENT

	(134-3507) ADMINISTERED BY BLM							(134-3515) (134-3516) ADMINISTERED BY OTHER OWNERS	AUMS	PERCENTAGE			
OWNERSHIP JURISDICTION (121-233) (121-257)	VACANT	RESERVED		OTHER FEDERAL		NON FEDERAL				LAND SUBJECT TO MGMT		OF TOTAL INSIDE DISTRICT	
		L.U.	OTHER	FEES TO BLM	FEES TO OTHER AGENCY	UNDER [illegible] MGT	BY OTHER AGREEMENT			ACRES PER-CENT	AUMS PER-CENT	ACRES PER CENT	AUMS PER CENT
	ACRES (134-3507)	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	AUMS	(134-3583)	(134-3818)	(134-3820)	(134-38[illegible])
ADMINISTERED BY BLM (134-3501)													
FEDERAL													
BLM	20000								2000	50.0	41.7	43.5	37.0
BLM		5000							500	12.5	10.4	10.7	9.3
BR			1000						100	2.5	2.1	2.2	1.9
STATE													
FISH & GAME							1000		50	2.5	1.0	2.2	.9
SCHOOLS							1000		50	2.5	1.0	2.2	.9
COUNTY													
MOFFAT							1000		100	2.5	2.1	2.2	1.9
(134-3515) (134-3516) ADMINISTERED BY OTHER JURISDICTION													
FEDERAL													
USFS								10000	1800	25.0	37.5	21.8	33.3
CONTROLLED BY OPERATOR (134-[illegible])													
STATE								500	100	1.3	2.1	1.1	1.9
LAND BOARD													
PRIVATE								500	100	1.2	2.1	1.1	1.9
TOTAL	20000	5000	1000				3000	11000	4800	100.0	100.0	87.0	89.0

R6-1-3

#3210

BUREAU OF LAND MANAGEMENT
DSC 1265-1
March, 1969

4.1.1.3.2

4.1P
132
Fo.'d. 1

REPORT LAYOUT FORM

6 LINES PER INCH

Certified
(s.d.)

PROGRAM DESCRIBE ALLOTMENT

PAGE

DATE

LANDS NOT SUBJECT TO MANAGEMENT

OWNERSHIP JURISDICTION	VACANT	ADMINISTERED BY BLM							ADMINISTERED BY OTHER OWNERS	AUMS	PERCENTAGE			
		RESERVED			OTHER FEDERAL		NON FEDERAL				LAND NOT SUBJECT TO MGMT.		OF TOTAL INSIDE DISTRICT	
		L.U.	OTHER		FEES TO BLM	FEES TO OTHER AGENCY	UNDER PIERCE ACT	BY OTHER AGREEMENT			ACRES PER CENT	AUMS PER CENT	ACRES PER CENT	AUMS PER CENT
	ACRES	ACRES	AUMS		ACRES	ACRES	ACRES	ACRES	ACRES	AUMS	(34-3.6)	(34-38)		
STATE														
WATER AGENCY									1000	100	17.0	17.0	2.2	1.9
PRIVATE									5000	500	83.0	83.0	10.8	9.2
TOTAL									6000	600	100.0	100.0	13.0	11.0

(34-884)

REPEAT ABOVE FOR OUTSIDE DISTRICT

% of Total Inside District

	ACRES	%	AUMS	POTENTIAL PRODUCTION AUMS WITHOUT	WITH TREATMENT
INSIDE GRAZING DISTRICT	46000		5300		
LANDS SUBJECT TO MANAGEMENT	40000		4800		
FEDERAL	36000		4400		
STATE	2500		200		
COUNTY	1000		100		
MUNICIPAL					
PRIVATE	500		100		
LANDS NOT SUBJECT TO MANAGEMENT	6000		600		
STATE	1000		100		
PRIVATE	5000		500		
OUTSIDE GRAZING DISTRICT	1500		150		
LANDS SUBJECT TO MANAGEMENT	1000		100		
FEDERAL	1000		100		
LANDS NOT SUBJECT TO MANAGEMENT	500		50		
PRIVATE	500		50		
TOTAL ALLOTMENT	47500		5450		

R6-1-4

128

Prog. Area: 0134-AMP
Prep. By: NW/JC
Date: 7-19-77

#3212

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Acreage Controlled by Operator

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Listing of the Legal Description and Acreage of Land Owned and Leased by individual Range Users.

USER(s):		LOCATION(s):	
	Resource Area Manager and Range Specialists		Area Office
	District Manager and Staff		District Office

USAGE:
Used in conjunction with SIM for determing acreage by ownership and jurisdiction.
Also basis for determing intensity of multiple use management.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Entire report of all allotments scheduled annually or semiannually at a set time by each Resource Area. As changes occur or for special uses, individual allotment reports run as needed. (5 per year per Resource Area).

DEPENDENCIES: Specific date (in conjunction with grazing application filing date) for annual or semi-annual reports.

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, Allotment

#3212

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Acreage Controlled by Operator

SORT ORDER: District, Resource Area, Planning Unit or WH&B Area, Allotment

ESTIMATED VOLUME: 8,000 pages for Annual Report
1 to 100 pages for special reports

COMPUTATIONS/PROCESSES:
Subtotaling and totaling (See sample layout)

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

DO WE WANT THE LEGAL DESCRIPTION?

R6-2-2

3212

UNITED STATES DEPARTMENT OF THE INTERIOR
DSC 1265-1
March, 1969

4.1.1
.34

REPORT LAYOUT FORM

6 LINES PER INCH

Unified #2
Phase 1

PROGRAM DESCRIBE ALLOTMENT 4.1.1.32

(5½ X 11) PAGE

DATE 6/12/72
2/2/76

100-1164 STATE: COLORADO
00-0543 DISTRICT: MONTROSE
100-1418 RESOURCE AREA: WHITE RIVER
100-1075 PLANNING UNIT: PICEANCE
100-2960 ALLOTMENT NAME: HOLE IN THE WALL
132-0768 ALLOTMENT NO.: 2144

WHSD. AREA

ACREAGE CONTROLLED BY OPERATOR

AUTHORIZED USER (1?-2944) LAND DESCRIPTION	TYPE (134 3806)				
	OWNED	LEASED			
	ACRES	CODE	FEDERAL ACRES	STATE ACRES	PRIVATE ACRES
JOE DOAK LAND & CAT TLE CO.					
T10N R10W					
SEC 1,11: N2, SW4, NWSE, NESE	600				
2: ALL		NAVY	640		
12: N2		SSCH		320	
12: S2					320
T11N R10W					
SEC 36 S2		SWLF		320	
SEC 35 S2	320				
TOTAL BY TYPE	920		640	640	320
TOTAL LEASED	1600				
STATE SCHOOLS	320				
STATE FISH & GAME	320				
PRIVATE	320				
NAVY	640				
TOTAL ALL ACREAGE	[illegible]				

134-3807

100-1615
1619
1702
2501
2502
2503
121-2504
2505

GPO 888-800

R6-2-3

131

Prog. Area: 0134-AMP
Prep. By: NW/JC
Date: 8/1/77

#3214

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Cooperative Agreement Listing

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Listing of all cooperative agreements (except Range Improvement Agreements with Operator) involved in the use or management of the grazing allotment.

USER(s): Resource Area Manager and
Range Specialists
District Manager & Staff
State Director & Staff

LOCATION(s): Area Office
District Office
State Office

USAGE:
Used in conjunction with URA, MFP Decisions, Allocation of Forage, Restrictions in Livestock Use, Individual requests of parties involved in Cooperative Agreement.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: As needed, 3 per year per resource area

DEPENDENCIES:
Any change in Cooperative Agreement initiates automatic allotment or WH&B area printout to State, District and Resource Area

REQUEST PARAMETERS:
State, District, Resource Area, Allotment No.

#3214

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Cooperative Agreement Listing

SORT ORDER: State, District, Resource Area, Allotment No.

ESTIMATED VOLUME: 1 to 200 pages per report

COMPUTATIONS/PROCESSES:

Total only

ACCURACY: N/A

SCALE:

N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

3214 Output #3

REPORT LAYOUT FORM

6 LINES PER INCH

PROGRAM 41132 Describe Allotment

AMP 134

PAGE 3

OUTPUT #3 Cooperative agreement

DATE 12/7/76

```
                                          COOPERATIVE AGREEMENT
                                                LISTING
100-XX04  STATE            WY
100-0543  DISTRICT         048
100-9469
100-0968  RA PU ALLOTMENT               COOP   AGREE     DATE            ACRES
100-0918        NUM  NAME               NUM    AGENCY  EFFECT EXPIRN
100-1075  SB 02 1001 CARSON SPRINGS     75-09   FS     051075 051085     XXXXXX
          SB 02 1002 TRESPASS CREEK     91-19   SCR    040191            XXXXXX
          SB 02 1014 HABBLE CREEK       66-06   DA     032166  INDEF.    XXXXXX
          SB 02 1039 SAWMILL CREEK      57-27   DOD    112057 112017     XXXXXX

          SB 03 XXXX                    XXXXX   XXX                      XXXXXX
          XX XX XXXX
          XX XX XXXX

          BB BB XXXX
          XX XX XXXX
```

Footnote: Printout on 8½" by 11"

R6-3-3

134

Prog. Area: 0134 - AMP
Prep. By: HW/JC
Date: 8/1/77

#3216

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Cooperative Agreement Overlay

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: Graphic display of boundaries of land included in the Cooperative Agreement.

USER(s):	Resource Area Manager and Range Specialists District Manager & Staff State Director & Staff	LOCATION(s):	State District Resource Area

USAGE:
Overlaying allotment maps to locate boundaries of cooperative agreements for determining use and management, or restrictions in relation to livestock use.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: As needed or when changes occur (3 per year per resource area)

DEPENDENCIES: Any change in cooperative agreement initiates automatic overlay to state, district and resource areas.

REQUEST PARAMETERS: Allotment or WH&B area, cooperative agreement

OUTPUT DESCRIPTION
Page 2 of 2

#3216

OUTPUT TITLE: Cooperative Agreement Overlay

SORT ORDER: N/A

ESTIMATED VOLUME: 20 individual overlays (CRT display or hard copy) per resource area per year

COMPUTATIONS/PROCESSES:

N/A

ACCURACY: Must match base map being used

SCALE:
Variable depending on base map
(From .510 to 2.64 inches per mile)

ANNOTATIONS:
None

LEGEND:
See attached sample

REMARKS:

3216

DSC 1265-1
March, 1969

4113.2

REPORT LAYOUT FORM

6 LINES PER INCH

Output #IV

PROGRAM DESCRIBE ALLOTMENT

PAGE

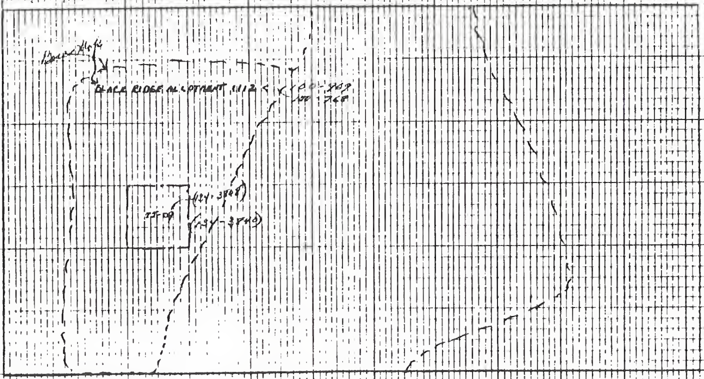
Cooperative agreement (Map overlay)

DATE 2/9/77

EXAMPLE OF MAP OVERLAY

BUREAU OF LAND MANAGEMENT
XXXXXXXXXXXX STATE
XXXXXXXXXXX DISTRICT
X ——————— X RESOURCE AREA
X ——————— X PU

COOPERATIVE AGREEMENTS



Legend: 75-09 FOREST SERVICE-BLM
—┬┬┬ Agreement boundary
—┬—┬ Allotment boundary

Prog. Area: 0134-AMP
Prep. By: JC-NW
Date: 8/1/77

3218

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Lands and Minerals Use Listing

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Listing of all Lands and Minerals Actions and use within an allotment or WH&B Area

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office
State Director & Staff	State Office

USAGE: Used in conjunction with URA-MFP recommendations and decisions in allocation of forage; determination of pasture size and boundaries, grazing period and capacity; restrictions and stipulations for the land of mineral use; type and location of range facilities and land treatment.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:
As needed, 3 per year per resource area

DEPENDENCIES:
Any change in Lands and Mineral use initiates printout by allotment or WH&B area to state, district and resource area.

REQUEST PARAMETERS:
State, district, resource area, planning unit, WH&B area allotment no.

OUTPUT DESCRIPTION
Page 2 of 2

#3218

OUTPUT TITLE: Lands and Minerals use Listing

SORT ORDER: State, District, Resource Area, Planning Unit, WH&B Area Allotment

ESTIMATED VOLUME: One to 8000 pages per report

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

R6-5-2

BUREAU OF LAND MANAGEMENT
DSC 1265-1
#3218 March, 1969
PROGRAM [illegible] 41132

A.4P

REPORT LAYOUT FORM

6 LINES PER INCH

PAGE

[illegible] #1

DATE

100-0034 1 STATE
100-0545 2 DISTRICT
100-0478 3 RESOURCE AREA
100-1085 4 PLANNING UNIT
5 WHSD AREA NAME
6 WHSD AREA NO

LANDS AND MINERALS USE

ALLOTMENT NO	NAME (100 242)	I.D. NO. (124-1532)	STATUS (134-3013)	LESS THAN FEE (141-1532)	PURPOSE (131-2552)	TRANSFER OF TITLE (141-2452)	ACRES (131-6532)
0001	BLACK BUTTE	2XXXXXX	APPLI	MINING CLAIM	GOLD		XXX
		XXXXXXX	ISSUED	LEASE	SODIUM		XXXX
		XXXXXXXX	APPL			OLE	XXX

(100 xx5)

8½ X 11

R6-3-3

Prog. Area: 013
Prep. By: JC - NW
Date: 8/1/77

#3220

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Lands and Minerals Use

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: Graphic display of lands and minerals use and actions by WH&B area and grazing allotments

USER(s): Resource Area Manager & Staff
District Manager and Staff
State Director and Staff

LOCATION(s): Area Office
District Office
State Office

USAGE:

Used in conjunction with URA-MFD recommendations and decisions; WHBB and AMP planning; location of fences, size of pastures, restrictions and stipulations for land and mineral use; type and location of range facilities and land treatment.

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

As needed, 3 per year per resource area

DEPENDENCIES:

Any change in lands or mineral use initiates automatic overlay by allotment or WH&B area to State, District & Resource Area.

REQUEST PARAMETERS:

State, District, Resource Area

OUTPUT DESCRIPTION
Page 2 of 2

#3220

OUTPUT TITLE: Lands and Minerals Use

SORT ORDER: State, District, Resource Area, Planning Unit, WH&B Area, Allotment No

ESTIMATED VOLUME: One to 30,000 pages per report

COMPUTATIONS/PROCESSES: None

ACCURACY: Must match base map being used

SCALE: Variable depending on Base Map (from .5 to 2.64 in/mile)

ANNOTATIONS: None

LEGEND: See attached

REMARKS:

#3220 ISC 1765-1
March, 1969

REPORT LAYOUT FORM

6 LINES PER INCH

Output # VI

PROGRAM Describe Allotment

PAGE

Map Overlay Lands & Minerals Use Status DATE 2/9/77

EXAMPLE – OF MAP OVERLAY

BUREAU OF LAND MANAGEMENT

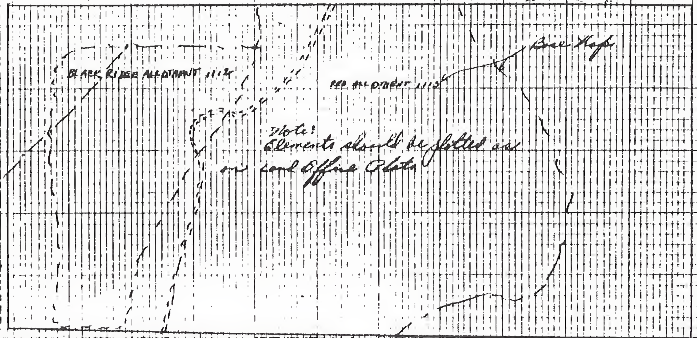
X———X STATE [illegible]

X———X DISTRICT [illegible]

X———X RESOURCE AREA [illegible]

X———X P.U. [illegible]

LANDS AND MINERALS USE [illegible]



Note:
Elements should be plotted as on Land Office Plats

Legend. Use standard map symbols from Land Office Plats
—+— Allotment boundary

R6-6-3

143

Prog. Area: 0134-AMP
Prep. By: NW/JC
Date: 8/2/77

3236

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Job Inventory Report

OUTPUT FORM: Printout and Narrative

OUTPUT DESCRIPTION: Inventory of all range facilities and land treatments in a given area.

USER(s):	Resource Area Manager & Staff District Manager and Staff State Director and Staff	LOCATION(s):	Area Office District Office State Office

USAGE:

Used for URA; all resource activity plans, specifically Wildlife, Livestock and WH&B Management.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: As changes occur (Approx 5 per year per area)

DEPENDENCIES: None

REQUEST PARAMETERS: State, District, Resource Area, ES Area, Planning Unit, Allotment No, Watershed No, WH&B No.

144

R6-7-1

3236

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Job Inventory Report

SORT ORDER: State, District, Resource Area, ES Area, Planning Unit, Allotment No, Watershed No, WH&B No, Job No.

ESTIMATED VOLUME: 40,000 pages initially for Bureau (refer to existing JDR syste
1 to 1000 pages for periodic reports

COMPUTATIONS/PROCESSES: Subtotaling and totaling (See Sample Layout)

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

Refer to JDR System

Narrative structure attached

3256 BUREAU OF LAND MANAGEMENT
DSC 1265-1
March, 1969 Range Improvements
PROGRAM

REPORT LAYOUT FORM
6 LINES PER INCH

PAGE 4,11 22,3,1

Outfut # I

DATE ______

JOB INVENTORY REPORT

(BY ANY CATEGORY AT LEFT)

BUREAU X
STATE X
DISTRICT X
RESOURCE AREA X
PLANNING UNIT X
ALLOTMENT NAME X
ALLOTMENT NO X
WATERSHED NO X
WATERSHED SUB BASIN X
COUNTY XXXXX
WILD LIFE HABITAT AREA X
SUSTAINED YIELD UNIT X
CONGRESSIONAL DISTRICT X
WHSE AREA NAME
WHSE AREA NO.
FS AREA

(EXAMPLE: BY ALLOTMENT IN RA)

ALLOTMENT NO: XXXX NAME

JOB NAME	JOB NO	LEGAL DESCRIPTION MERIDIAN: LPM	SUBACT IVITY	WORK JOB CODE	MAINT ENHANCE RESPON	MAINT ENHANCE CYCLE	JOB OWNERSHIP CONTROL	COMPLETE DATE	COMPLETE FY	UNITS PRIMARY	UNITS SECOND ARY	COST ANNUAL OPERAT	COST ANNUAL MAINT
X X	X	XXXXX T10N, R11W, S36, NWSW	XXXX	XXXX	X	XXX	X	XXXXXX	XX	XXXXXX	XXXXXX	XXXXX	XXXXX
X	X												
X													

ETC

ALLOTMENT NO XXXX NAME
COUNTY GARFIELD

R6-7-3

146

Narrative. Discuss the significant facts concerning each major Bureau practice listed in the tabulation and keyed on the overlay. Discuss any significant effect on management of other resources. If the tabulations do not portray the treatment or facility situation, discuss the maintenance responsibility and condition of the improvement. Discuss general quality of radio coverage and location of blind spots.

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 31 Aug 77

3238 (2 pages)

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Job Report

OUTPUT FORM: Printout.

OUTPUT DESCRIPTION: A list of all the data on the JDR with the codes interpreted. Includes additional information suggested by field teams.

USER(s): Resource Area Manager & Staff; District Manager & Staff; State Director & Staff.

LOCATION(s): Resource Area Office; District Office; State Office.

USAGE: Used in planning system, ES, activity plans, project planning, maintenance, AWP.

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially, repeat 5 years or as requested.

DEPENDENCIES: As job initiated or completed, or as requested.

REQUEST PARAMETERS: State; District; RA; ES Area; WH&B Area; PU; Allotment.

3238 (2 pages)

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Job Report

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 15,000 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

32380

BUREAU OF LAND MANAGEMENT
DSC 1265-1
March, 1969

Output REPORT LAYOUT FOR
6 LINES PEF NCH

PROGRAM AMP JOB REPORT 8X10½ PAG: 1

```
         1         2         3         4         5         6
1234567890123456789012345678901234567890123456789012345678901234567890123456789
1                                  STATE
2                                 DISTRICT
3                               RESOURCE AREA
4
5 JOB NAME: X                                              X JOB NO: XXXX
6 SPECIAL PROJECT AREA NAME X                                          X
7 PLANNING UNIT NAME: X                                    X P.U. NO: XXXX
8 REGION: X                        X SUB-REGION:
9 SUB-BASIN: X                     X COUNTY: X
10 WATERSHED: X                                           X WS NO: XXX
11 ALLOT NAME: X                                          X ALLOT NO: XXX
12 WILDLIFE HABITAT AREA: X                               X WHA NO: XXXX
13 WHBC AREA X                                            X WHBCA NO: XXXX
14 CONGRESSIONAL DISTRICT:
15 SITE DESCRIPTION
16  PRESENT SSF: ..  PERCENT SLOPE: XXX EXPOSURE: XX PRECIPITATION: XX IN.
17  SOIL TEXTURE: X            X  ELEVATION: XXXXX
18  VEGETATION SUB-TYPE: (NO & NAME)
19  COMPOSITION PERCENT: GRASSES XXX  FORBS XXX  SHRUBS XXX
20  COVER PERCENT: VEGETATION XX  LITTER XX  ROCKS XX  BARE GROUND XX
21
22 ANNUAL WORK PLAN DATA
23  SUBACTIVITY XXXX  WORK JOB CODE: XXXX  METHOD: X                  X
24  TYPE AUTHORIZATION: X              X  DATE APPROVED:              X
25  TIME OF AWARD: XXFY  X THIRD  TIME OF COMPLETION: XXFY  X THIRD
26  JOB TITLE: (RESEVOIR)                X  UNITS: (SEE 3000 CU YDS)
27
28  DETAIL ESTIMATE OF UNITS AND COSTS
29
30     DESCRIPTION           UNITS          BLM COSTS     COOP COSTS
31   WORK     MATERIALS     NO   KIND  COST MATERIAL LABOR MATERIAL LABOR
32 XXXXXXXXXX XXXXXXXXXX XXXXXX XXXX XXXXXX XXXXXX XX XXXX XXXXXX XXXXXX
33 XXXXXXXXXX XXXXXXXXXX
34
35
36
37
38  TOTALS  MATERIALS                XXXXXX  XXXXXX         XXXXXX
39          LABOR/EQUIP.             XXXXXX          XXXXXX         XXXXXX
40
41 MAINTENANCE:
42  RESPONSIBILITY X                X ZONE XXXX CYCLE (5YR FROM 6C)
43
44 PRIMARY JOB OBJECTIVE
45
46 PLANT AND PEST CONTROL
47  TARGET SPECIES: X                                                 X
48  CHEMICAL USED: X                                                  X
49  APPLICATION METHOD X                                              X
50  MECHANICAL METHOD X                                               X
51  PLANT SPP & LBS/A: X                X 5  X                  X 1
52  PLANT SPP & SEEDLINGS/A: X          X 100
53  SEEDING METHOD:
54  TILLAGE METHOD:
```

GPO 888-000

150

3238 b

BUREAU OF LAND MANAGEMENT
DSC 1265-1
March, 1969

Output

REPORT LAYOUT FOR
6 LINES PER INCH

PROGRAM AMP

JOB REPORT (CONT'D)

PAGE 2

FACILITIES TYPE: X
STRUCTURE TYPE: X
STORAGE: ACRE/FT FLOOD XXXXXX STORAGE: ACRE/FT SILT XXXXXX

BENEFITS
FUTURE SSF: XX PRESENT SSF: XX LIVESTOCK AUMS ADDED: XXXXX
WILDLIFE SPP & ANIMAL NOS & ANIMAL NOS INCREASED:
X——————X XXXX XXX9 X——————X XXX XX
POUNDS OF FISH INCREASED: (by Spp ?)
RARE SPP ENHANCED: (NAME SPP) ENDANGERED SPP ENHANCED: (NAME SPP)
PERIPHERAL SPP ENHANCED: (NAME SPP) STATUS UNDETERMINED ENHANCED (NAME SPP)
VISITOR DAYS ADDED: FISHERMAN XXXXX HUNTER XXXXXX OTHER XXXXX

COMPLETION DATA
UNITS: X——————X FY XX THIRD X CONTRACT NO. XXXXX COST XXXXX
TYPE OF AGREEMENT: X——————X TYPE OF COOPERATOR: X——————X
COOPERATOR'S NAME
X
X
X
CONTRIBUTIONS:
DEPOSITED XXXXX
UNDEPOSITED MATERIAL XXXXX LABOR/EQUIPMENT XXXXX

COOPERATOR HISTORY

DATE	NAME
010255	JOHN BUCK
031561	JANE DOE
072165	GOLDIE FAWN
010255	SLIM PICKENS
010255	BEN BLUE

JOB LOCATION
XXXXXXXXXXX PM TXX 1/2N RXXXXXXW SXX: X——————X
(MOVE TO TOP UNDER PAGE ?)

DETAIL ACTUAL UNITS AND COSTS

SAME FORMAT AS ESTIMATED

GPO 880-800

Prog. Area: 0134 - AMP
Prep. By: JC/NW
Date: 8/8/77

OUTPUT DESCRIPTION
Page 1 of 2

3244

OUTPUT TITLE: Proposed Range Facilities

OUTPUT FORM:

Printout

OUTPUT DESCRIPTION: The cost, constructions and maintenance responsibility, costs of easements and year of construction for proposed range facilities.

USER(s):		LOCATION(s):	
	Resource Area Manager & Range Specialists District Manager & Staff		Area Office District Office

USAGE:

Used to determine allotment costs for implementation of management - also B. C. analysis.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

Once initially, annually for 1/10 of BLM land area

DEPENDENCIES:

As the ES's AMP's are being prepared

REQUEST PARAMETERS:

Dist., R.A., WH&B Area, P.U., Allotment

3244

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Proposed Range Facilities

SORT ORDER: Dist., R.A., WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 3000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

TABLE 3244. PROPOSED RANGE FACILITIES FOR _____ ES AREA
_____ DISTRICT, NEW MEXICO

RESOURCE AREA ______
WH & BRAREA ______
PLANNING UNIT ______

ALLOTMENT NUMBER 0567
ALLOTMENT NAME AZABACHE

	Fences	Cattlegards	Pipelines	Watering Troughs	Wildlife waters	Stroage Tanks	Wells	Catch-ment	Reservoirs	Spring Developement	Roads	Trails	Allotment Total
Project unit	6 mi	2 ea	1.3 mi	4	6	--	---	--	1 ea	---	2 mi	0.25m	
Project Cost	$1,500	$ 1200	$8,400	$2400	$800	--	--	--	$3,000	--	$5000	$850	
Easements													
units	2mi	--	0.8mi	--	--	--	--	--	--	--	2mi	--	
cost	$1250	--	$500	--	--	--	--	--	--	--	$250	--	
Responsibility Construction	BLM	BLM	BLM	BLM	BLM	--	--	--	Operator	--	BLM	Operator	
Maintamance	Operator	County	BLM	BLM	BLM	--	--	--	Operator	--	County	Operator	
Year of Construction	2nd	2nd	1st	1st	3rd	--	--	--	3rd	--	1st	2nd	

There may be other types of Range Improvements not listed, if so, continue with same format.

Year of implementation measured from beginning of Implementation of AMP.

R6-9-3

Prog. Area: 0134-AMP
Prep. By: LC/NW
Date: 8/10/77

OUTPUT DESCRIPTION
Page 1 of 2

3245

OUTPUT TITLE: Proposed Land Treatments

OUTPUT FORM:

- Printout

OUTPUT DESCRIPTION: Cost, construction and maintenance responsibility for proposed land treatments.

USER(s):	Resource Area Manager & Range Staff District Manager & Staff	LOCATION(s):	Area Office District Office

USAGE:

Used to determine allotment costs for implementation of management and job details for the management plan.

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, annually for 1/10 of BLM land area.

DEPENDENCIES:

As the ES's - AMP's are prepared

REQUEST PARAMETERS:

Dist. R.A., WH&B Area, P.U., Allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Proposed Land Treatments

SORT ORDER: Dist., R.A., WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 3000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE:

N/A

ANNOTATIONS: N/A

LEGEND:

N/A

REMARKS:

TABLE 3245. PROPOSED LAND TREATMENTS FOR ALLOTMENTS IN ________ ES area, __________ District, Arizona

Allotment Number 0678
Allotment Name AZABACHE

Resource Area __________ WH & B Area __________ Planning Unit __________

	Type of Treatment						
	Spraying	Chaining	Plowing and Seeding	Burning	Chain and Seed	Spray & Seed	Burn and Seed
Units							
Cost							
Responsibility for Construction							
Maintenance							
Year of Treatment							

1/ There maybe other types of land treatments not listed, if so, continue with same format.

R6-10-3

Prog. Area: 0134-AMP
Prep. By: NW/JC
Date: 8/2/77

3248

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Proposed Job Site Values Restricting Survey or Construction

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Inventory of values or properties on a specific location which would hinder or restrict the survey, construction or treatment of any project.

USER(s):	Resource Area Manager and Range Specialists District Manager and Staff State Director and Staff	LOCATION(s):	Area Office District Office State Office

USAGE:

Used in URA; all resource activity plans, specifically Wildlife, Livestock and WH&B Management.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: 30 per year Bureau-wide

DEPENDENCIES: None

REQUEST PARAMETERS: State, District, Resource Area, ES Area, Planning Unit, Allotment

3248

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Proposed Job Site Values Restricting Survey or Construction

SORT ORDER: State, District, Resource Area, ES Area, Planning Unit, Allotment, Job No.

ESTIMATED VOLUME: 2000 pages initially and annually

COMPUTATIONS/PROCESSES:
None

ACCURACY:
N/A

SCALE: N/A

ANNOTATIONS:
N/A

LEGEND: N/A

REMARKS:

#3248

DSC 1265-1
March, 1969

REPORT LAYOUT FORM

6 LINES PER INCH

Output 1

41.16.32

PROGRAM RESOURCE INVENTORY-RGE, AMP.

PAGE ______

DATE ______

STATE
DISTRICT
RESOURCE AREA
PLANNING UNIT
ALLOTMENT NO
ALLOTMENT NAME

PROPOSED JOB SITE VALUES

RESTRICTING SURVEY, CONSTRUCTION OR TREATMENT

OTHER (WHO, ACRES) AS REQUIRED

JOB NAME | JOB NO. | LEGAL DESCRIPTION | CULTURAL VALUES | SCENIC-VISUAL VALUES | PALEONTOLOGICAL VALUES | GEOLOGICAL AND SOIL PROPERTIES | THREATENED-ENDANGERED SP. FLORA | FAUNA | OTHER

X————X XXXX MERIDIAN: 6PM X————X X————X X————X X————X X————X X————X X————X
TWN. RIP 1/2 W X————X X————X X————X
SEC: NNNNN X————X X————X

RG-11-3

160

Prog. Area: 0134 AMP
Prep. By: JC/NW
Date: 8/3/77

3256

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Historic Livestock Use

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: The annual licensed and actual grazing use on an allotment for the period of record by operator name giving class of Lavestock, Dates and Aums of use.

USER(s):		LOCATION(s):
	Resource Area Manager & Range	Area Office
	District Manager & Staff	District Office
	State Director and Staff	State Office

USAGE:
Used to compare past use with range condition in order to estimate future stocking rate.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: One per year for 1/10 of Resource Areas

DEPENDENCIES: As needed

REQUEST PARAMETERS: District, Resource Area, ES Area, WH&B Area, Planning Unit, Allotment

161

3256

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Historic Livestock Use

SORT ORDER: District, Resource Area, ES Area, WH&B Area, Planning Unit, Allotment

ESTIMATED VOLUME: 2000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE:
N/A

ANNOTATIONS:
N/A

LEGEND:
N/A

REMARKS:

3256

REPORT LAYOUT FORM

6 LINES PER INCH

Output #1

PROGRAM 4113.3.1 ~~Compute Historical Data~~ HISTORIC LIVESTOCK ~~GRAZING~~ USE

Page

DATE

HISTORIC LIVESTOCK ~~GRAZING~~ USE

STATE — — DISTRICT — — RES AREA — — R.U. — —

ALLOTMENT NAME ______

ALLOTMENT No. — — — —

HISTORICAL USE

	LICENSED			ACTUAL USE					
				AUTHORIZED			UNAUTHORIZED		
OPERATOR NAME	Class	Date	AUMs	Class	Date	AUMs	Class	Date	AUMs
Joe Doaks	C	[illegible]	100						
Joe Doaks	C	[illegible]	100	C	[illegible]	75			
Joe Doaks	C	[illegible]	125						
Slim Pickins	S	[illegible]	125	S	[illegible]	125	S	[illegible]	50

R6-12-3

Prog. Area: 0134 AMP
Prep. By: JC/NW
Date: 8/3/77

3257

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Grazing Preference List

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: The number of Aums of grazing preference, including active use and suspended non-use, for each operator in a grazing allotment.

USER(s): Resource Area Manager &
Range Specialists
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE:
Used to proportion forage allocations among operators and among operators and other uses.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: One per year for 1/10 of Resource Areas

DEPENDENCIES: As needed

REQUEST PARAMETERS: District, Resource Area, ES Area, WH&B Area, Planning Unit, Allotment

3257

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Grazing Preference List

SORT ORDER: District, Resource Area, ES Area, WH&B Area, Planning Unit, Allotment

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE:

N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

#3257

Program 4113.3.1

REPORT LAYOUT FORM
6 LINES PER INCH

[illegible] Output #2

PAGE

DATE ....

STATE -- DISTRICT -- RES AREA -- AU --

ALLOTMENT NAME ____________

ALLOTMENT NO. ____

GRAZING PREFERENCE LIST

OPERATOR NAME		PREFERENCE (AUMS)	ACTIVE USE (AUMS)	SUSPENDED NON-USE (AUMS)
Joe Apeks		150	125	25
Slim Pickens		500	450	50
ALLOTMENT TOTALS	2	650	575	75

BLM
DSC-1265-400
March-1969

R6-13-3

Prog. Area: 0134 AMP
Prep. By: JC/NW
Date: 8/3/77

3258

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Operator's Yearlong Operation

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: The number, kind of livestock, aums and dates that livestock permitted on BLM administered lands, use the various categories of lands throughout the year plus livestock management data.

USER(s):	LOCATION(s):
Resource Area Managers & Range Specialist	Area Office District Office
District Manager & Staff	

USAGE:
Provide statistical information for agricultural reports, benefit - cost ratio information for E.S. economic analysis, provide information for improved allotment management.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:
Once annually by operator, February-plus 1/10 of resource areas upon request.

DEPENDENCIES:
None

REQUEST PARAMETERS:
District, Resource Area, ES Area, WH&B area, Planning Unit, Allotment.

3258

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Operator's Yearlong Operation

SORT ORDER: District, Resource Area, ES Area, WH&B Acrea, Planning Unit, Allotment

ESTIMATED VOLUME: 10,000 pages annually

COMPUTATIONS/PROCESSES: Average livestock production information for years of record

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: When 10 yr permits and leases are issued, how will we be able to gather this info annually?

#3258 PROGRAM 4.1.1.8.3 (PRINT ON 8½x11)

REPORT LAYOUT FORM
6 LINES PER INCH

OUTPUT II III

PAGE

DATE

OPERATOR'S YEARLONG OPERATION
STATE XX DISTRICT XX RESOURCE AREA XX PLANNING UNIT XX
ALLOTMENT: NAME, BUCKSKIN ATU XXXX NUMBER, 0412

OPERATOR NAME: JOE JONES

DATES OF USE	TYPE OPERATION	PRIVATE NO.	PRIVATE AUMS	BLM NO.	BLM AUMS	ALLOT. NO.	FOREST SERVICE NO.	FOREST SERVICE AUMS	ALLOT. NO.	STATE NO.	STATE AUMS	OTHER NO.	OTHER AUMS
1/1-2/30	CC	500	2000										
3/1-4/30				500	1000	0412							
5/1-8/30							500	2000	XXXX	—	—	—	—
9/1-10/31				500	1000	0412							
11/1-12/31		500	1000										
11/1-12/31		200	2100										

X # of entries

AVERAGE YEARS 72 - 77

BREED(S) OF LIVESTOCK, NAME: HEREFORD X
BREEDING DATES: CATTLE X
BIRTH DATES: CATTLE, MARCH 1 - MARCH 15 X
SHIPPING DATE: CATTLE OCT. 15 X
MARKING DATES X X X X
WEANING PERCENTAGE X X
WEANING WEIGHTS X X X
DEATH RATE X X
PERCENT OF HERD CULLED X X X

NOTE: REPEAT COMPLETE BREAKDOWN FOR EACH TYPE OPERATION

R6-14-3

Prog. Area: 1032 - ES
Prep. By: JC/NW
Date: 18 AUG 77

3259

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Use and Production on Dependent Non-Federal Lands

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table listing the type of ownership, type of land acres, type of crop, season of livestock use, and values of crop

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office
District Office

USAGE: Used in ES, grazing administration

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Or as requested.

DEPENDENCIES: As ES is prepared

REQUEST PARAMETERS: District, RA, ES area, P.U., allotment

3259

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Use and Production on Dependent Non-Federal Lands

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

TABLE 3259. USE AND PRODUCTION ON DEPENDENT NON-FEDERAL LANDS

Type of Ownership of Land (private, state)	Type of Land (farm, range)	Acres	Crop Harvested	Season of use by Livestock	Value of Products

R6-15-3.

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3260

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Grazing Use By Allotments

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the allotment name and number, class of livestock, seasons of use, AUM's, number of operators, type of grazing system, acreage, Forest Service use and other data

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning systems, ES and activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/lo of BLM annually. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated or aactivity plans or ES

REQUEST PARAMETERS: District, RA, ES area, WH&B Area, P.U., allotment

OUTPUT TITLE: Grazing Use by Allotments

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

174

R6-16-2

TABLE #3260

GRAZING USE BY ALLOTMENTS

(INFORMATION CONCERNING EXISTING ALLOTMENT WITH AMP IN THE RIO PUERCO ES AREA)

ALLOTMENT NUMBER	ALLOTMENT NAME	NUMBER OF OPERATORS	QUALIFICATION	ACTIVE LICENCED USE	% FR	CLASS OF LIVESTOCK	SEASON OF USE	NUMBER OF PASTURES	TYPE OF GRAZING SYSTEM	NUMBER OF ACRES			FOREST SERVICE PERMIT	
										NRL	STATE	PRIVATE	NUMBER OF OPERATION	AUMS
0001	Pelon Community	4	1197	1161	100	Cattle	Sp-Fall-Win	4	4DR	8230	430		4	76+45w/#1
0002	Starr Community	2	2336	1773	82	Cattle & Horse	yearlong	10	7DR	12547	1280	2722		--
0003	Martinez Bros.	3	527	495	83	Cattle	Sp-Fall-Win	3	5DR	3560	--	1240	1	25
0039	ASA Cattle Co	1	1017	1021	96	Cattle	Yr.	3	5DR	5732	--	212	--	--
0041	Guadalupe Trujillo	2	789	764	51	Cattle & Horse	Yr.	6	6DR	4013	--	3102	--	--
0057	San Luis Community	7	792	792	100	Cattle & Horse	Yearlong	4	4	5165	--	--	1	19 w/#82

R6-16-3

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3261

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Existing Allotments and Range Improvements

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: An overlay depicting the allotment boundaries and all range facilities and land treatments.

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in Planning System, ES, activity phase

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially on 1/10 of BLM annually. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated or Es or activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

R6-17-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Existing Allotments and Range Improvements

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: Within 1%

SCALE: Same as base map

ANNOTATIONS: None

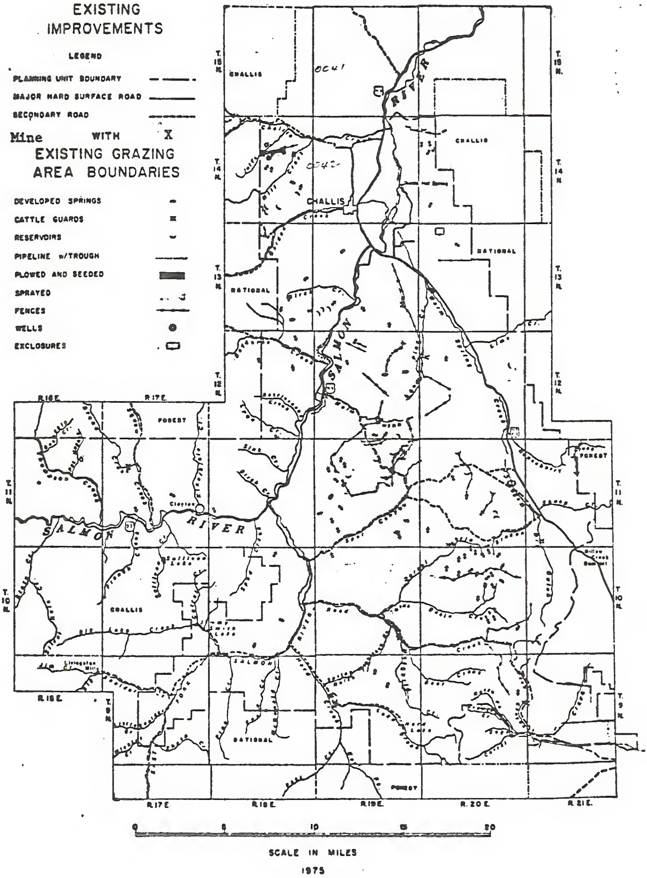
LEGEND: See sample

REMARKS:

None

Narrative structure attached

TABLE 3261. EXISTING ALLOTMENTS AND RANGE IMPROVEMENTS



MAP 2-22 EXISTING RANGE IMPROVEMENTS AND GRAZING AREAS IN THE CHALLIS PLANNING UNIT.

R6-17-3

Narrative

Discuss the significant facts concerning each major Bureau practice listed in the tabulation and keyed on the overlay. Discuss any significant effect on management of other resources. If the tabulations do not portray the treatment or facility situation, discuss the maintenance responsibility and condition of the improvement. Discuss general quality of radio coverage and location of blind spots.

Prog. Area: 0132 - AMP
Prep. By: J.C./N.W.
Date: 8/25/77

3262

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Allotment present production and use tab & narrative

OUTPUT FORM: Tabulation and Narrative

OUTPUT DESCRIPTION: Tabulation required in Step III URA, Grazing Administration

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Resource Area Office
District Manager & Staff	District Office

USAGE:

Step III URA, ES, AMP, Administration (grazing)

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated

REQUEST PARAMETERS: Dist, RA, ES Area, WH&B Area P.U.

OUTPUT DESCRIPTION
Page 2 of 2

3262

OUTPUT TITLE: Allotment present production and use Tab & Narrative

SORT ORDER: Dist, RA, ES Area, WH&B Area P.U.

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES:
None

ACCURACY:
N/A

SCALE:
N/A

ANNOTATIONS: N/A

LEGEND:
N/A

REMARKS:
Narrative Structure Attached

Output Form #(18)

4.1.2.2.2

R6-18-3

Allotment
Present Production and Use

P.U. Paradise

Allotment or Lease	Number of Operators	Number of Acres			AUMs Use or Qualifications	Season of Use	Class of Livestock	AUMs Production	Water Used (1,000 gal.) @300 gal. per AUM
		Federal	State	Private					
Butte Allot.	14	75,000	3,120	9,880	11,900	May 1 to Sept. 30	Cattle	9,790	2,937
Butte Allot.		--	--	--	960	Oct. 1 to Dec. 31	Cattle	890	267
Jones (Lease)	1	2,400	--	420	470	Dec. 1 to Mar. 31	Sheep	300	90
Brow Allot 1/	3	13,000	3,000	600	1,290	Apr. 1 to Oct. 31	Cattle	1,200	360
Dry Creek	15	68,000	4,000	--	10,000	Apr. 1 to Oct. 31	Cattle	860	258
Total	33	160,400	12,120	10,900	23,720	--	--	13,040	3,912 1.6 ac.ft.

NOTE: Indicate by footnote which ones are under an AMP.

Narrative. Analyze overlays and tabulations for each allotment or group of similar allotments. Discuss in general how the data presented affects range management. As appropriate:

(1) Discuss the nature of base properties, their use and dependency upon the public land, and the classes of livestock.

(2) Discuss briefly the historical use and the basis for seasonal designation. What was the effect of adjudication? Point out and discuss any significant problems associated with season of use. Discuss trailing.

(3) Discuss the AMPs, their effectiveness, and problems.

(4) Discuss land treatment and management facilities shown on the resource improvement overlay and tabulations under Step 2 (.39) and how these affect the livestock management program.

(5) Discuss existing conflicts of livestock use with wildlife, sensitive, threatened, or endangered plant species, predators, wild horses/burros, mining, off-road vehicles, fire, etc.

(6) Discuss problems related to range suitability.

(7) Discuss other general problems not covered elsewhere, such as livestock overobligation, trespass (including unauthorized structures), the abundance of small allotments, changes in ownership of waters, burning, etc.

Prog. Area: 0132-AMP
Prep. By: JC/NW
Date: 8/25/77

3264

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Grazing Administration Overlay and Narrative

OUTPUT FORM: Overlay and Narrative

OUTPUT DESCRIPTION: Shows allotment boundaries, allotment number, normal season of use, trailing patterns, stock driveways, AMP Area, Grazing Systems Areas, Problem Areas

USER(s):
Resource Area Manager & Staff
District Manager & Staff

LOCATION(s):
Area Office
District Office
State Office

USAGE:

Step III URA, ES, Activity Plans

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED:
2 days

REQUIRED:
1 week

FREQUENCY OF PRODUCTION:
Once initially, repeat every 10 years or as requested

DEPENDENCIES:
As URA prepared or updated

REQUEST PARAMETERS:
Dist, RA, ES Area, WH&B area, UP

184

3264

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Grazing Administration Overlay and Narrative

SORT ORDER: Dist, RA, ES Area, WH&B Area, PU

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: Within 5%

SCALE:

Same as base map

ANNOTATIONS:

None

LEGEND:

See Sample

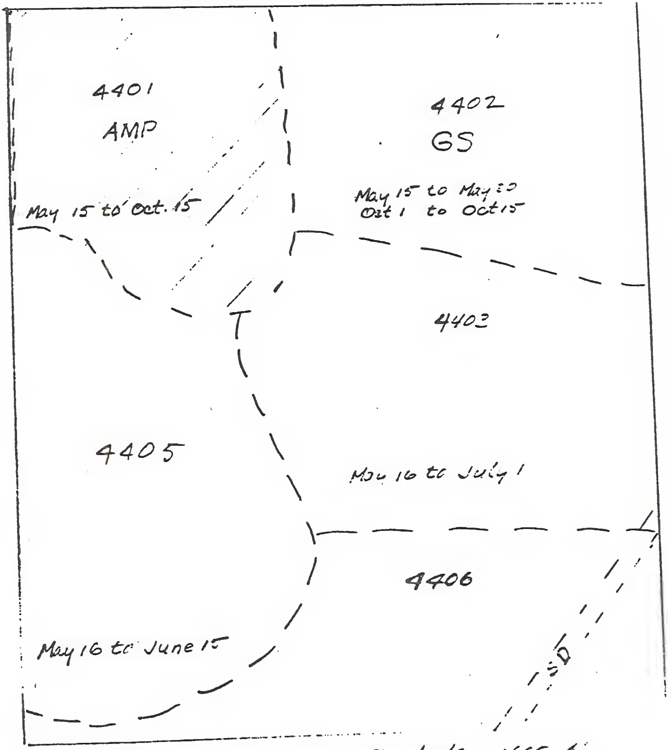
REMARKS:

Narrative Structure Attached

3264

STATE
RESOURCE AREA
P. U

GRAZING ADMINISTRATION



Legend: Use Standard Symbols – 1655 A...

Narrative. Analyze overlays and tabulations for each allotment or group of similar allotments. Discuss in general how the data presented affects range management. As appropriate:

(1) Discuss the nature of base properties, their use and dependency upon the public land, and the classes of livestock.

(2) Discuss briefly the historical use and the basis for seasonal designation. What was the effect of adjudication? Point out and discuss any significant problems associated with season of use. Discuss trailing.

(3) Discuss the AMPs, their effectiveness, and problems.

(4) Discuss land treatment and management facilities shown on the resource improvement overlay and tabulations under Step 2 (.39) and how these affect the livestock management program.

(5) Discuss existing conflicts of livestock use with wildlife, sensitive, threatened, or endangered plant species, predators, wild horses/burros, mining, off-road vehicles, fire, etc.

(6) Discuss problems related to range suitability.

(7) Discuss other general problems not covered elsewhere, such as livestock overobligation, trespass (including unauthorized structures), the abundance of small allotments, changes in ownership of waters, burning, etc.

3268

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/29/77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Range Management Opportunities

OUTPUT FORM: Overlay and Narrative

OUTPUT DESCRIPTION: An overlay showing natural potential and potential through land treatment and range facilities.

USER(s):	LOCATION(s):
Resource Area Manager & Staff	District Office
District Manager & Staff	Resource Area Office

USAGE:

Step III URA, ES, Activity Plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

Once initially. Repeat every 10 years or as requested

DEPENDENCIES:

As URA prepared or updated

REQUEST PARAMETERS:

Dist, RA, ES Area, WH&B Area, PU

3268

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Range Management Opportunities

SORT ORDER: Dist, RA, ES Area, WH&B Area, PU

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES:

ACCURACY: Within 2%

SCALE: Same as base map

ANNOTATIONS: None

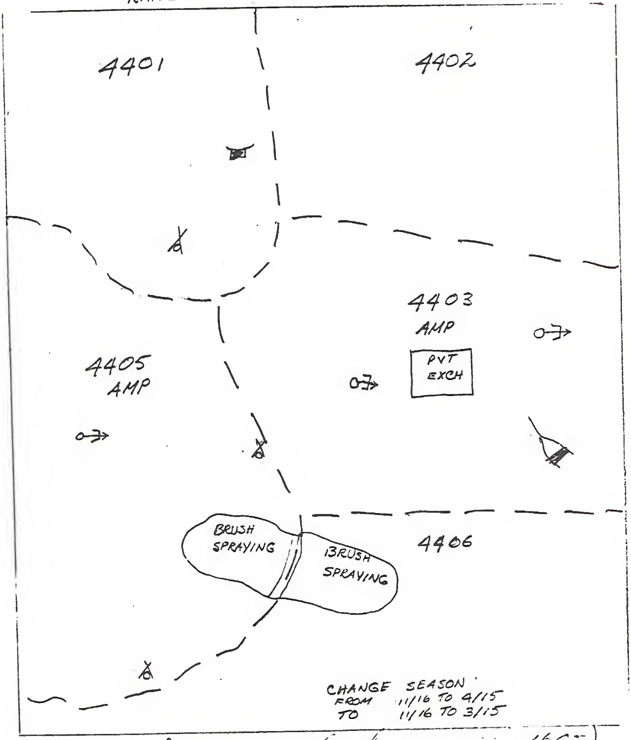
LEGEND: See Sample

REMARKS: Narrative Structure Attached

3268

STATE
DISTRICT
RESOURCE AREA
P. U.

RANGE MANAGEMENT OPPORTUNITIES



CHANGE SEASON
FROM 11/16 TO 4/15
TO 11/16 TO 3/15

Legend: (see standard symbols [illegible])

Narrative

(1) Natural Potential and Potential Through Land Treatment. For each allotment or group of allotments, discuss the various combinations of natural and land treatment opportunities which would best achieve the desired condition, trend, or forage increase results in:

(a) A relatively long (15 to 20 years) time frame, emphasizing natural potential.

(b) A relatively short time frame, emphasizing potential through land treatment.

(c) Discuss other combinations of natural treatment and land treatment opportunities which will reach the potential in what you feel to be a reasonable time frame and with a reasonable amount of development. Explain the time frame used and the degree of development.

(2) Grazing Administration. For each allotment or group of allotments, discuss opportunities for solving the various problems brought out in .44A3. Discuss opportunities for maintaining desirable situations which have been identified in .44A3. Discussion, tabulations, and display of this Step 4 information must be in adequate detail to allow eventual development of specific Step 1 MFP recommendations and rationale.

(3) Livestock Management Facilities. Describe the specific facilities identified on the overlay. Describe and discuss the kinds and extent of other livestock management facilities that will be necessary to implement AMPs.

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/29/77

3269

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Forage Potential and Narrative

OUTPUT FORM: Printout and Narrative

OUTPUT DESCRIPTION: A table showing the aums estimated to result from management and land treatment.

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): District Office
Area Office

USAGE:
Step III URA, ES, Activity Plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:
Once initially. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated

REQUEST PARAMETERS: District, RA, ES Area, WH&B Area, PU

3269

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Forage Potential and Narrative

SORT ORDER: District, RA, ES Area, WH&B Area, PU

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

Narrative Structure Attached

195

#3269

Forage Potential By Allotment

P.U. Alpine
District Montrose
State Colorado

Overlay Key No.	Allotment	Plowing & Seeding		Spraying		Management Systems		End Result Increase
		Acres	AUMs	Acres	AUMs	Acres	AUMs	Total AUMs
1 & 10	Isle Powderhorn Common			25,980	2,165	87,991	2,371	4,536
1 & 11	Long and Miller			2,000	167	18,466	In Effect	167
3 & 12	Soderquist Ranches			40	3	1,332	38	41
4 & 13	Helen & Richard E. Wilson			500	42	9,212	177	219
5 & 14	Manchego & Wilson			1,600	133	8,925	114	247
6 & 15	E. & S. Wright Cathedral			1,280	107	3,875	63	170
16	Jack Dixon (Bratton Lease).					45		
				31,400	2,617	129,846	2,763	5,380
					Water Need (Gal.) (300 gal./AUM)			1,614,000 gal. 4.9 Ac.Ft.

R6-21-3

Narrative

(1) Natural Potential and Potential Through Land Treatment. For each allotment or group of allotments, discuss the various combinations of natural and land treatment opportunities which would best achieve the desired condition, trend, or forage increase results in:

(a) A relatively long (15 to 20 years) time frame, emphasizing natural potential.

(b) A relatively short time frame, emphasizing potential through land treatment.

(c) Discuss other combinations of natural treatment and land treatment opportunities which will reach the potential in what you feel to be a reasonable time frame and with a reasonable amount of development. Explain the time frame used and the degree of development.

(2) Grazing Administration. For each allotment or group of allotments, discuss opportunities for solving the various problems brought out in .44A3. Discuss opportunities for maintaining desirable situations which have been identified in .44A3. Discussion, tabulations, and display of this Step 4 information must be in adequate detail to allow eventual development of specific Step 1 MFP recommendations and rationale.

3269 (cont.)

(3) Livestock Management Facilities. Describe the specific facilities identified on the overlay. Describe and discuss the kinds and extent of other livestock management facilities that will be necessary to implement AMPs.

Prog. Area: 0134 AMP
Prep. By: JC/NW
Date: 8/3/77

3271

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Site Writeup Areas

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: Overlay showing boundaries of each site writeup with the vegetation type (? subtype) number and site writeup identification number included within boundary.

USER(s):	Resource Area Manager & Range Specialists District Range Specialists	LOCATION(s):	Area Office District Office

USAGE: Used as the base for determining range suitability and other studies; URA

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once for each site initially - 1/10 of BLM every year. Usually repeat in 10 years or as requested.

DEPENDENCIES: As site inventory is completed

REQUEST PARAMETERS: District, Resource Area, E.S. Area, WH&B area, Planning Unit, Allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE:
Site Writeup Areas

SORT ORDER:
District, Resource Area, ES Area, WH&B Area, Planning Unit, Allotment

ESTIMATED VOLUME:
2000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: Must fit base map

SCALE:
Same as base map - usually 2.64"/mile

ANNOTATIONS: None

LEGEND: See Sample #3272

REMARKS:
Should this show sub-types?

#3271 SITE WRITEUP AREAS

Output #1

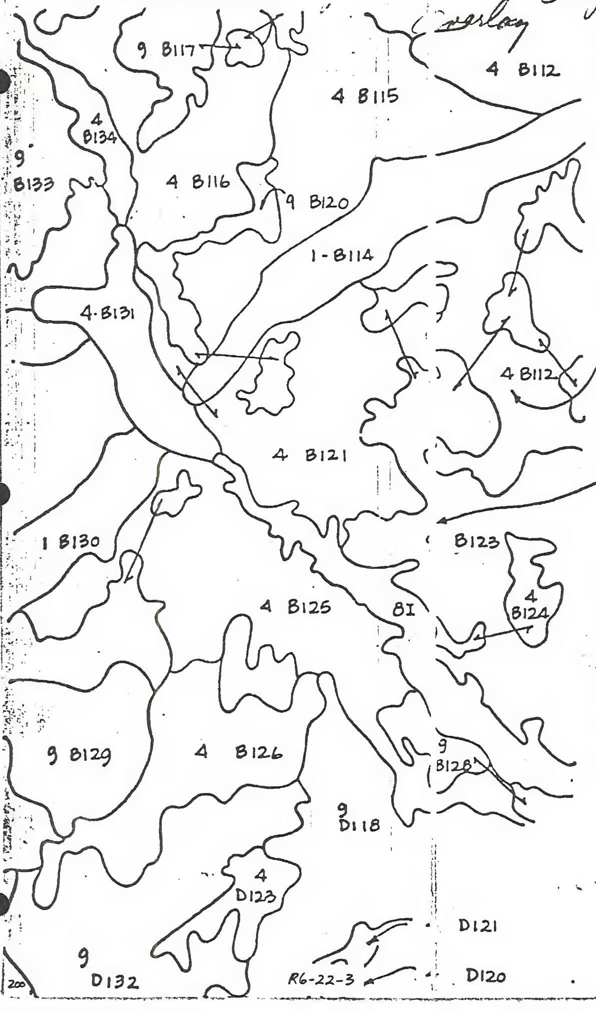


ILLUSTRATION 3
RANGE SURV
OVERLAY

THIS ILLUSTRAT
REPRESENTS
TYPE WRITEUP
AREAS WITH
WRITEUP NUMB

EXAMPLES:

1) 4 - DEPICTS SHRUBS ~~SAGEBRUSH~~
TYPE, WRITE-
NUMBER B11

2) 9 - DEPICTS ANNUAL GR ~~PINON-JUNI~~
TYPE, WRITE-
NUMBER B1

THE FOLLOWING
ILLUSTRATIONS
SHOW HOW
SUITABILITY
CRITERIA IS
APPLIED TO
THESE WRITE-UP
AREAS

3272 a, b

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9/9/77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Site Control - Step Point Data Record

OUTPUT FORM: Table

OUTPUT DESCRIPTION: Gives the ground cover at each point on 200 point transect, the SFF, and other detailed data for step point transect

USER(s): District Manager and staff
RA Manager and staff

LOCATION(s): District Office
RA Office

USAGE: Used in compiling information for URA, MFP, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Weekly for 8 months

DEPENDENCIES: As site inventory is conducted

REQUEST PARAMETERS: Dist., RA, ES area, P.U. WH&B area, allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Site Control - Step Point Data Record

SORT ORDER: Dist., RA, ES area, P.U. WH&B area, allotment

ESTIMATED VOLUME: 5,000

COMPUTATIONS/PROCESSES: None

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

3272-a

BUREAU OF LAND MANAGEMENT
STANDARD UNIT RECORD
FOR SITE CONTROL DATA
STEP-POINT DATA, SPECIES LIST
AND
EROSION CONDITION CLASSIFICATION-SSF

RECORD TYPE	V 1
STATE	U T
DISTRICT	0 2
PLANNING UNIT	0 2
SITE NO.	B 1 2 5
TRANSECT NO.	0 1
ACTION (A-ADD, D-DELETE C-CHANGE)	A

SECTION I - SITE CONTROL DATA

DATE	RECORDER	VEGETATION SUB-TYPE	SLOPE %	ELEVATION	ASPECT	TRANSECT LENGTH	TRANSECT ACRES
YR / MO / DAY							
7 / 07 / 18	J N B	0441	006	05340	W	09000	

PLOT SIZE

WT. EST.: ☐ .96 ☐ 1.92 ☐ 4.8 ☒ 9.6

CHARACTER.: ☒ .01 ☐ .02

AZIMUTH	SOIL NUMBER	AERIAL PHOTO IDENTIFICATION: FLIGHT LINE NO.	ORTHOPHOTO NAME
076	4001	ARs 5-73	Buckskin Mtn.

COMPARISON AREA IDENTIFICATION

State	Dist.	Twp.	Range	Consec. No.	Pct. of SITE	TRANSECT NUMBERS FOR THIS PERCENT
					100	01

SECTION II - SPECIES LIST

BorP	Symbol	Common Name
	PUTR	
	GERA	
	ELCO	
	GRSQ	
	ACLA	
	OPPO	

SECTION III - SSF

ITEM	1	2	3	4	5	6	7	8	9	10
Soil Movement										6
Surface Litter										4
Surface Rock										10
Pedestalling										8
Flow Patterns										10
Rills										6
Gullies										4
TOTAL										48

AVERAGE SSF 48

SECTION IV - STEP-POINT DATA (200 POINTS)

er

POINT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
B	AGSP	ARTR	G	B	B	ORHY G	B	S	ARAR	B	N	S	STCO Bc	G
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
FEID	B	SIHY	B	AGSM	B	BASA	B	B	C	ARTR AGSP	P	G	G	B
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
ARTR	AGSP Bc	G	B	P N	G	B	SAKA	G	ASTR	AGSM	B	B	B	BRTE
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
ARTR	FEID	B	B		B	ARAR	B	N	B	CHNA AGSP Bc	B	PoSE	ARTN	N

203 ENTRIES: Litter - (P-Persistent, R6-23-3 [illegible] ent), B-(Bare Ground, No Canopy)
-(Bare Ground, Canopy) G-(Gravel) [illegible] S-(Stone) [illegible]

3272 G

BUREAU OF LAND MANAGEMENT
STANDARD UNIT RECORD
FOR SITE CONTROL DATA
STEP-POINT DATA, SPECIES LIST
AND
EROSION CONDITION CLASSIFICATION-SSF

RECORD TYPE	V 1
STATE	U T
DISTRICT	0 2
PLANNING UNIT	0 2
SITE NO.	B 1 4 5
TRANSECT NO.	0 1
ACTION (A-ADD, D-DELETE C-CHANGE)	A

SECTION I - SITE CONTROL DATA

DATE YR MO DAY	RECORDER	VEGETATION SUB-TYPE	SLOPE %	ELEVATION	ASPECT	TRANSECT LENGTH	TRANSECT ACRES
7 08 15	JNB	0441	005	05320	W	01200	

PLOT SIZE
WT. EST.: .96 ☐ 4.8 / 1.92 ☒ 9.6
CHARACTER.: ☒ .01 ☐ .02
AZIMUTH: 78
SOIL NUMBER: 4001
AERIAL PHOTO IDENTIFICATION
FLIGHT LINE NO.: ARS 3-92
ORTHOPHOTO NAME: BATTLE CREEK

COMPARISON AREA IDENTIFICATION

tate	Dist.	Twp.	Range	Consec. No.	Pct. of SITE	TRANSECT NUMBERS FOR THIS PERCENT
T	02	095	25W	01	100	01

SECTION II - SPECIES LIST

BorP	Symbol	Common Name
	SIHY	
	CHNA	
	BRTE	
	POSE	

SECTION III - SSF

ITEM	1	2	3	4	5	6	7	8	9	10
Soil Movement										3
Surface Litter										2
Surface Rock										5
Pedestalling										5
Flow Patterns										4
Rills										6
Gullies										3
TOTAL										28
AVERAGE SSF			28							

SECTION IV - STEP-POINT DATA (200 POINTS)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		STCO				ARTR		ELCO			PUTR			
AGSP	B	B	G	G	FEIP	B	B	B	B	PUTR	B	B	G	C
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ARTR AGSP										STCO	AGSP			
B	B	B	ASTR	B	C	N	B	P	B	P	N	B	B	AGSP
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
RAR					PUTR		SPCO		BRSA			AGSP		
C	B	AGSM	B	B	B	ELCO	B	B	B	G	P	N	B	N
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
	AGSP				ARTR									
B	N	P	E	G	B	R6-23-4		AGSP	B	B	AGSM	B	P	FEID

204 ENTR[illegible]

Prog. Area: 0134/AMP
Prep. By: JC/NW
Date: 8/3/77

3273

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Vegetative Characterization Record

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing stage of growth, utilization, height, and other growth characteristics of plant species.

USER(s): Resource Area Manager & Range Specialist
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE:

Used to estimate percent of utilization, range trend, animal preference and dates of various growth stages of plant species.

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

Once initially for each site inventoried for approx. 1/10 of BLM land area annually. Repeat every 10 years or as requested.

DEPENDENCIES:

As site inventory is completed

REQUEST PARAMETERS:

District, Resource Area, ES Area, WH&B Area, Planning Unit, Allotment.

205

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Vegetative Characterization Record

SORT ORDER: District, Resource Area, ES Area, WH&B Area Planning Unit, Allotment

ESTIMATED VOLUME:
90,000 pages annually

COMPUTATIONS/PROCESSES:
None

ACCURACY:
N/A

SCALE:
N/A

ANNOTATIONS:
N/A

LEGEND:
N/A

REMARKS:

32-73

BUREAU OF LAND MANAGEMENT
STANDARD UNIT RECORD
FOR
VEGETATIVE CHARACTERIZATION

RECORD TYPE	V 2
STATE	U T
DISTRICT	0 2
PLANNING UNIT	0 2
SITE NO.	B 1 2 5
TRANSECT NO.	0 1
ACTION (A-ADD, D-DELETE)	A

	GRASS, FORB AND SHRUB CHARACTERIZATION							SHRUBS ONLY				
SPECIES	PHENOLOGY	FORM CLASS	AGE CLASS	AVAILABILITY	UTILIZATION	AV. HEIGHT	DOT COUNT	AVG. LEADER LENGTH	AVG. CROWN DIAMETER	NUMBER NOT CHARACTERIZED	MAST CROPS	TOTAL NUMBER
AGSP	3	4	M	A	3	1.5	·					1
AGSM	5	1	M	A	0	1.0	:					2
SIHY	5	1	M	A	0	.7	·					1
SIHY	5	1	Y	A	0	.5	·					1
STCO	4	3	M	A	3	1.6	·					1
POSE	6	1	M	A	1	.5	:					2
ASTR	6	1	M	A	0	.7	·					1
ARTR	3	1	M	A	0	2.3	⁙	.2	1.2	6		11
CHNA	3	1	M	A	0	1.7	⁙	.2	1.3	5		10
CHNA	3	1	Y	A	0	1.0	:	.2	.8			
EEID	5	1	M	U	0	1.0	·					1
AGSM	5	1	M	A	3	1.0	:					2
SIHY	5	1	M	A	3	.7	:					2
SIHY	5	1	Y	A	2	.5	:					2
STCO	4	1	M	P	2	1.6	·					1
POSE	6	1	M	A	2	.5	·					1
ASTR	6	1	M	A	0	.3	·					1
ARTR	3	1	M	A	0	2.0	⁙	.2	1.2	9		14
ARTR	3	1	Y	A	0	1.0	·	.2	.8			
ARTR	3	1	S	A	0	.5	:	.2	.3			
CHNA	3	1	M	A	0	1.7	⁙	.2	1.5	7		13
CHNA	3	1	Y	A	0	1.0	⁙	.2	.8			

207

R6-24-3

Revised 08/18/77

Prog. Area: 0134 AMP
Prep. By: JC/NW
Date: 8/3/77

3274

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Weight Estimate & Dropping Count Record

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Recordation of the weight of each plant species in each plot at three different levels above ground with the number of droppings of each animal species

USER(s): Resource Area Manager & Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE:

Used as the basis for computing allotment carrying capacity for various animals and combinations; range condition; relative useage of the area by different species of animals.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for each site inventoried - for approx 1/10 of BLM land area annually repeat every 10 years or as requested.

DEPENDENCIES:

As site inventory is completed.

REQUEST PARAMETERS:

District, Resource Area, E.S. Area, WH&B Area,
Planning Unit, Allotment

3274

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Weight Estimate & Dropping Count Record

SORT ORDER: District, Resource Area, ES Area, WH&B Area, Planning Unit Allotment.

ESTIMATED VOLUME: 9000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE:

N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

3274

BUREAU OF LAND MANAGEMENT
STANDARD UNIT RECORD
FOR
WEIGHT-ESTIMATE AND
DROPPING COUNT DATA

RECORD TYPE	V 3
STATE	U T
DISTRICT	0 2
PLANNING UNIT	0 2
SITE NO.	B 1 2 5
TRANSECT NO.	0 1
ACTION (A-ADD, D-DELETE)	A

SECTION I - WEIGHT-ESTIMATE DATA (0' - 3' HEIGHT)

SPECIES	1	2	3	4	5	6	7	8	9	10	TOTAL
GSP	6	-	12	18	-	4	10	4	2	4	60
EID	-	3	1	-	6	2	-	4	3	1	20
GSM	10	5	2	-	7	8	10	3	2	3	50
I NY	12	20	5	5	6	3	7	12	18	22	110
TCO	5	3	7	8	2	3	2	3	-	2	35
OSE	4	3	2	1	5	1	-	6	8	-	30
RTE	1	1	1	-	6	-	5	2	2	2	20
ASA	-	-	-	-	4	-	-	-	-	-	4
STR	21	11	13	5	7	5	8	10	7	3	90
AKA	7	-	5	2	1	3	2	7	3	-	30
RTR	10	30	12	8	18	-	25	62	18	22	205
RAR	-	-	-	12	-	-	-	-	-	-	12
HNA	13	7	12	-	20	5	22	23	14	14	130
otals	89	83	72	59	82	34	91	136	77	73	796

DROPPING											
C	1	2	-	3	3	2	1	2	2	2	18

210

R6-25-3

3275 a,b,c,d

Prog. Area: 0132-AMP
Prep. By: JC/NW
Date: 9/9/77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Site Writeup and Production Summary

OUTPUT FORM: Table

OUTPUT DESCRIPTION: A tabular form giving the weight of each plant species by transect and acre and the adjusted production for acre based on various listed factors

USER(s):	District Manager and staff RA Manager and staff	LOCATION(s):	District Office RA Office

USAGE: Used in URA, forage allocations in MFP, activity plans, ES

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Weekly for 8 months

DEPENDENCIES: As site inventory is conducted

REQUEST PARAMETERS: Dist., RA, ES area, RV, WH&B area, allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Site Writeup and Production Summary

SORT ORDER: Dist., RA, ES area, RV, WH&B area, allotment

ESTIMATED VOLUME: 5,000

COMPUTATIONS/PROCESSES: Attached to sample form

ACCURACY: To decimal places as shown on form

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

WA B125

SITE WRITEUP AREA PRODUCTION SUMMARY... -0 to 3 FOOT HEIGHT

FORM RANGE 1

TOTAL NUMBER OF PLOTS 10

CONVERSION FACTOR 1.0 11

PECIES	GRAMS PER TRANSECT - GREEN CUT					TOTAL GRAMS RECORDED	POUNDS PRODUCTION PER ACRE (GREEN WT.) 12	WEIGHTED AVERAGE UTILIZATION FACTOR 13	TOTAL PRODUCTION AT TIME OF INVENTORY 14	PHENOLOGY ADJUSTMENT FACTOR 15	TOTAL GREEN WT. PRODUCTION FOR SEASON 16	PERCENT AIR DRY WEIGHT 17	AIR DRY VEGETATION PRODUCTION 18	AVERAGE PPT ADJUSTMENT FACTOR	TOTAL ADJUSTED AIR DRY WT. PRODUCTION
	TRANS 1	TRANS	TRANS	TRANS	TRANS										
GSP	60						60	1.6667	100	1.1364	114	70	80	1.0670	67
EID	20						20	1.2500	25	1.0000	25	70	18		20
GSM	50						50	1.3889	69	1.0000	69	70	48		52
IHY	110						110	1.3513	149	1.0000	149	70	104		113
TCO	35						35	1.8518	65	1.0670	71	70	50		54
OSE	30						30	1.2195	37	1.0670	40	70	28		30
RTE	20						20	1.0000	20	1.0000	20	70	14		15
ASA	4						4	1.1111	4	1.0670	4	35	1		1
STR	90						90	1.0204	92	1.0638	98	35	34		37
AKA	30						30	1.0000	30	1.0000	30	35	11		12
RTR	205						205	1.0000	205	1.1111	228	55	125		136
RAR	12						12	1.4266	17	1.1111	19	55	10		11
HNA	130						130	1.0000	130	1.1111	144	55	79	1.0670	86
							796		943		1011		602		654

R6-26-3

32756 [illegible]

RANGE MANAGEMENT INTERPRETATIONS
OF
SITE INVENTORY METHOD DATA

A. Site Writeup Area Production Summary (Instructions for completion of Form Range 1 - numbers correspond to numbers on the form.)

1. Conversion factor is obtained from Table 1 and is a function of the size of plot and the number of plots.

2. Green wt/acre is obtained by multiplying total grams recorded by species by the conversion factor obtained from Table 1.

3. Utilization by number of plants by species is recorded by site writeup area on Form V2. The weighted average utilization for each species is calculated on Form Range 2. The weighted average utilization factor is obtained from Table 2 (Utilization and Phenology Adjustment Reciprocals).

4. Total production at time of inventory is obtained by multiplying the green wt/acre by the weighted average utilization factor.

5. Determination of phenology adjustment factor.

   a. Determine average phenology for each species by site writeup area by completing Form Range 3.

   b. Determine production per unit area and relationship to maximum production for each species for the average phenology recorded for the SWA. This is accomplished by completing Form Range 4 and obtaining the appropriate factor from Table 2. Data for completion of Form Range 4 is not restricted to plants within the SWA. It includes all plants of that species which were clipped and recorded for the phenology stage.

6. Total green weight production for the season is obtained by multiplying the total production at time of inventory by the phenology adjustment factor.

7. Percent air dry weight is obtained for each species at the time of maximum production for the species for the year.

8. Air dry vegetative production is determined by multiplying the total green weight production for the season by the percent air dry weight.

3275c

Table 1

CONVERSION FACTORS FOR GRAMS/SWA TO POUNDS/ACRE (GREEN WT.)

Number of Plots	CONVERSION FACTORS FOR VARIOUS SIZE PLOTS			
	.96	1.92	4.8	9.6
10	10.0000	5.0000	2.0000	1.0000
11	9.0900	4.5450	1.8180	.9090
12	8.3330	4.1665	1.6666	.8333
13	7.6920	3.8460	1.5384	.7692
14	7.1430	3.5715	1.4286	.7143
15	6.6660	3.3330	1.3333	.6666
16	6.6250	3.1250	1.2500	.6250
17	5.8820	2.9410	1.1764	.5882
18	5.5550	2.7775	1.1111	.5555
19	5.2630	2.6315	1.0526	.5263
20	5.0000	2.5000	1.0000	.5000
21	4.7620	2.3810	.9524	.4762
22	4.5450	2.2725	.9090	.4545
23	4.3470	2.1735	.8694	.4347
24	4.1660	2.0830	.8332	.4166
25	4.0000	2.0000	.8000	.4000
26	3.8460	1.9230	.7692	.3846
27	3.7030	1.8515	.7406	.3703
28	3.5710	1.7855	.7142	.3571
29	3.4480	1.7240	.6896	.3448
30	3.3330	1.6665	.6666	.3333
31	3.2250	1.6125	.6450	.3225
32	3.1250	1.5625	.6250	.3125
33	3.0300	1.5150	.6060	.3030
34	2.9410	1.4705	.5882	.2941
35	2.8570	1.4285	.5714	.2857
36	2.7780	1.3890	.5556	.2778
37	2.7030	1.3515	.5406	.2703
38	2.6320	1.3160	.5264	.2632
39	2.5640	1.2820	.5128	.2564
40	2.5000	1.2500	.5000	.2500
41	2.4390	1.2195	.4878	.2439
42	2.3810	1.1905	.4762	.2381
43	2.3260	1.1630	.4652	.2326
44	2.2720	1.1360	.4544	.2272
45	2.2220	1.1110	.4444	.2222
46	2.1740	1.0870	.4348	.2174
47	2.1280	1.0640	.4256	.2128
48	2.0830	1.0415	.4166	.2083
49	2.0410	1.0205	.4082	.2041
50	2.0000	1.0000	.4000	.2000

3275d

TABLE 2

UTILIZATION AND PHENOLOGY ADJUSTMENT RECIPROCALS

Utilization	Utilization / Phenology	Phenology
Percent Utilized	Percent Remaining / Percent of Maximum Production	Reciprocal
2	98	1.0204
4	96	1.0417
6	94	1.0638
8	92	1.0870
10	90	1.1111
12	88	1.1364
14	86	1.1628
16	84	1.1905
18	82	1.2195
20	80	1.2500
22	78	1.2820
24	76	1.3158
26	74	1.3513
28	72	1.3889
30	70	1.4286
32	68	1.4706
34	66	1.5151
36	64	1.5625
38	62	1.6129
40	60	1.6667
42	58	1.7241
44	56	1.7857
46	54	1.8518
48	52	1.9231
50	50	2.0000
52	48	2.0833
54	46	2.1739
56	44	2.2727
58	42	2.3809
60	40	2.5000
62	38	2.6316
64	36	2.7778
66	34	2.9412
68	32	3.1250
70	30	3.3333
72	28	3.5714
74	26	3.8461
76	24	4.1667
78	22	4.5454
80	20	5.0000
82	18	5.5556
84	16	6.2500
86	14	7.1429
88	12	8.3333
90	10	10.0000
92	8	12.5000
94	6	16.6667
96	4	25.0000
98	2	50.0000
100		100.0000

3276 a, b

Prog. Area: 0132-AMP
Prep. By: JC/NW
Date: 9-9-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Weighted Average Utilization

OUTPUT FORM: Tabular

OUTPUT DESCRIPTION: A table that shows the utilization of individual plants and the average utilization of plant species by grazing animals.

USER(s): District Manager and Staff

LOCATION(s): District Office
Resource Area Office

USAGE: Used to complete other forms - needed for future plot utilization comparisons

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Weekly for 8 months

DEPENDENCIES: As site inventory is conducted

REQUEST PARAMETERS: District, RA, ES Area, PU, WH&B Area, allotment.

217

3276

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Weighted Average Utilization

SORT ORDER: Same as request parameters

ESTIMATED VOLUME: 5,000

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

5276a

FORM RANGE 2
Page 1

SWA B145

WEIGHTED AVERAGE UTILIZATION

SPECIES	NO: PLANTS BY UTILIZATION CLASS PLANTS UTIL	WEIGHTED FACTOR	SPECIES	NO. PLANTS BY UTILIZATION CLASS PLANTS UTIL	WEIGHTED FACTOR
AGSP	3 x 0	0	BASA	1 x 30	30
	5 x 10	50		2 x 10	20
	4 x 30	120		3 x	50
	12 x	170		x 50	= 16%
	x 170	= 14%		x 3	
	x 12		GERA	1 x 0	0
FEID	3 x 30	90		1 x 10	10
	3 x 10	30		2 x	10
	1 x 0	0		x 10	= 5%
	7 x	120		x 2	
	x 120	= 16%	ASTR	3 x 0	0
	x 7		SPCO	2 x 0	0
AGSM	4 x 0	0		2 x 30	60
	4 x 10	40		1 x 10	10
	4 x	40		5 x	70
	x 40	= 10%		x 70	= 14%
	x 4			x 5	
ELCO	2 x 0	0	ARTR	11 x 0	0
	2 x 10	20		2 x 10	20
	4 x	20		13 x	20
	x 20	= 6%		x 20	= 2%
	x 4			x 13	
ORHY	1 x 0	0	ARAR	2 x 30	60
	4 x 30	120		2 x 10	20
	5 x	120		1 x 0	0
	x 120	= 24%		5 x	60
	x 5			x 60	= 16%
	x			x 5	

32762

FORM RANGE 2

Page 2

SWA B145
page 2

WEIGHTED AVERAGE UTILIZATION

SPECIES	NO: PLANTS BY UTILIZATION CLASS PLANTS UTIL	WEIGHTED FACTOR	SPECIES	NO. PLANTS BY UTILIZATION CLASS PLANTS UTIL	WEIGHTED FACTOR
PUTR	:: 4 x 30	120		x	
	⊐ 8 x 10	80		x	
	∵ 3 x 0	0		x	
	15 x	200		x	
	x 200			x	
	x 15 =	14%		x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	

220

R6-27-4

3277

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-9-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Weighted Average Phenology

OUTPUT FORM: Tabular

OUTPUT DESCRIPTION: A table showing the growth stage of individual plants and the average stages of the species.

USER(s): District Manager and Staff
Resource Area Manager and Staff

LOCATION(s): District Office
Resource Area Office

USAGE: Used to complete other forms (Range 1) and for future comparison data

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Weekly for 8 months

DEPENDENCIES: As site inventory conducted

REQUEST PARAMETERS: District, RA, ES Area, PU, WH&B Area, allotment

221

3277

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Weighted Average Phenology

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 5,000

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

3277

FORM RANGE 3

SWA B125

WEIGHTED AVERAGE PHENOLOGY

SPECIES	NO: PLANTS BY PHENOLOGY CLASS PLANTS PHEN	WEIGHTED FACTOR	SPECIES	NO: PLANTS BY PHENOLOGY CLASS PLANTS PHEN	WEIGHTED FACTOR
AGSP	5 x 3	③		x	
FEID	3 x 5	15		x	
	1 x 4	4		x	
	4 x	19		x	
	x 19	= ⑤		x	
	x 4			x	
AGSM	7 x 5	⑤		x	
SIHY	10 x 5	⑤		x	
STCO	5 x 4	④		x	
POSE	5 x 6	⑥		x	
BASA	1 x 4	④		x	
ASTR	8 x 6	⑥		x	
ARTR	15 x 3	③		x	
ARAR	1 x 3	③		x	
CHNA	20 x 3	③		x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	
	x			x	

323

R6-28-3

3278

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-9-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Production Per Unit Area By Phenology Stage

OUTPUT FORM: Tabular

OUTPUT DESCRIPTION: A table showing the production of plant species at various stages of growth in relation to maximum production.

USER(s): District Manager and Staff
Resource Area Manager and Staff

LOCATION(s): District Office
Resource Area Office

USAGE: Used to complete other forms (Range 1) and for future site comparisons.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: weekly

DEPENDENCIES: As site inventlry conducted

REQUEST PARAMETERS: District, RA, ES Area, WH&B Area, PU, allotment

3278

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Production Per Unit Area by Phenology Stage

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 5,000

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

3278 [illegible] Outback

FORM RANGE 4
SPECIES ______________
PHENOLOGY STAGE __________

PRODUCTION PER UNIT AREA BY PHENOLOGY STAGE AND RELATIONSHIP TO MAXIMUM PRODUCTION

A. Production per unit area.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_____ gms $\dfrac{\_\_\_\_.\_\_\_\_ \text{ by } \_\_\_\_.\_\_\_\_}{2}$ = _____._____ x _____._____ x 3.147 = _____ sq.ft.

_________ gms total

_________ sq.ft. total

$\dfrac{\text{Total gms}}{\text{Total basal area \_\_\_\_\_}}$ = _____ gms/sq.ft.

B. Relationship to maximum production for the season.

1. $\dfrac{\text{Total green wt/unit area at this stage of development \_\_\_\_\_}}{\text{Total green wt/unit area at maximum stage of development \_\_\_\_\_}}$ = _____%
2. Obtain the phenology adjustment reciprocal for this percentage from Phenology Adjustment Reciprocal Table.

3279 a, b

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-12-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Site Write-up Area Grazing Capacity Summary By Animal Species

OUTPUT FORM: Tabular

OUTPUT DESCRIPTION: A form showing the plant weight produced and useable forage by plant species for a specific species of animal.

USER(s): District Manager and Staff
Resource Area Manager and Staff

LOCATION(s): District Office
Resource Area Office

USAGE: Used in URA-MFP in determining grazing capacity and allotment of forage by plant species for a specific species of animals.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Weekly for 8 months

DEPENDENCIES: As site inventory is completed

REQUEST PARAMETERS: District, RA, ES Area, P.U., WH&B Area, allotment

3279 a,b

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Site Write-up Area Grazing Capacity Summary By Animal Species

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 5,000

COMPUTATIONS/PROCESSES: Attached to sample

ACCURACY: To decimal places shown on sample

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

3279 cr.

SWA B-125

SITE WRITEUP AREA GRAZING CAPACITY SUMMARY BY ANIMAL SPECIES

FORM RANGE 5

ANIMAL SPECIES B O S HEIGHT CLASS AVAILABLE TO THIS SPECIES...TO FT. 5, ACRES IN SWA 1000, PER CENT OF SWA FOR TRANSECT(S) 100

SPECIES	TOTAL ADJUSTED AIR DRY PRODUCTION BY HEIGHT AVAILABILITY [11]			TOTAL HEIGHT CLASS AVAILABLE TO THIS ANIMAL SPECIES [12]	AVERAGE AVAILABILITY BY LOCATION [13]	TOTAL AIR DRY PRODUCTION AVAILABLE TO THIS ANIMAL SPECIES (POUNDS/ACRE) [14]	USEABLE FORAGE BY SEASON [15] WINTER		SPRING		SUMMER		FALL	
	0'-3'	3'-5'	5'-7'				PUF	lbs/acre	PUF	lbs/acre	PUF	lbs/acre	PUF	lbs/acre
AGSP	87				60	52	50	26	50	26	40	21	50	26
FEID	20				25	5	40	2	30	2	30	2	40	2
AGSM	52				100	52	40	21	45	23	45	23	40	21
SIHY	113				100	113	20	23	40	45	30	34	30	34
STCO	54				90	49	30	15	50	25	40	20	40	20
POSE	30				100	30	0	–	30	9	20	6	0	–
BRTE	15				100	15	0	–	0	–	0	–	0	–
BASA	1				100	1	0	–	10	–	20	–	5	–
ASTR	37				100	37	0	–	10	4	10	4	10	4
SAKA	12				100	12	0	–	0	–	0	–	0	–
ARTR	136				100	136	0	–	0	–	0	–	0	–
ARAR	11				100	11	0	–	0	–	0	–	0	–
CHNA	86				100	86	0	–	0	–	0	–	0	–
Totals	654					599		87		134		110		107

CURRENT GRAZING CAPACITY BY SEASON [16]

I WINTER

87 lbs/acre useable forage / 1200 lbs/month forage requirement = .073 animal months per acre

.073 animal months per acre x 1000 Acres = 73 animal months

II SPRING

134 lbs/acre useable forage / 1200 lbs/month forage requirement = .112 animal months per acre

.112 animal months per acre x 1000 Acres = 112 animal months

III SUMMER

110 lbs/acre useable forage / 1200 lbs/month forage requirement = .092 animal months per acre

.092 animal months per acre x 1000 Acres = 92 animal months

IV FALL

107 lbs/acre useable forage / 1200 lbs/month forage requirement = .089 animal months per acre

.089 animal months per acre x 1000 Acres = 89

R6-30-3

#3279

B. Site Writeup Area Grazing Capacity Summary by Animal Species. (Instructions for Completion of Form Range 5 - Numbers correspond to numbers on the form.)

1. Total adjusted air dry production by height availability is obtained from Form Range 1-a for 0'-3' height, Form Range 1-b for 3'-5' height, and Form Range 1-c for 5'-7' height. These are entered for the height classes available to the particular animal species being considered.

2. The total in this column is only for those heights available to the animal species being considered.

3. Determine average availability for each plant species. Availability by location by number of plants by species is recorded by site writeup area on Form V2. The weighted average availability for each species is calculated on Form Range 6.

4. Total air dry production available to an animal species is determined by multiplying the total height class available to the animal species by the average availability by location for the particular plant species.

5. Useable forage by season is determined by multiplying the total air dry production available to the animal species by the proper use factor for the season. Proper use factors are obtained from Form Range 7.

6. The current grazing capacity by season is determined in two steps as follows:

a. Animal Months Per Acre. This is determined by dividing pounds production of useable forage for the season by the pounds requirement per month for the specific animal species.

b. Animal Months. This is determined by dividing (1) the total acres within the site writeup area or, (2) the acreage represented by the transects being compiled (i.e. a percentage of a SWA).

C. Site Writeup Area Ecological Condition: The present state of a range in relation to its natural potential for that site. It is an expression of the relative degree to which kinds, proportions and amounts of plants in a plant community and the erosion situation relates to the potential vegetation and erosion situation for a particular site. It is computed as follows:

3280

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-12-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Average Availability By Location

OUTPUT FORM: Tabular

OUTPUT DESCRIPTION: A table showing total numbers of plants, percentage of plants available, partially available, unavailable, by species and a weighted factor for each.

USER(s): District Manager and Staff
Resource Area Manager and Staff

LOCATION(s): District Office
Resource Area Office

USAGE: Needed to complete Range Form 6

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Weekly for 8 months

DEPENDENCIES: As site inventory is conducted

REQUEST PARAMETERS: District, RA, ES Area, P.U., WH&B Area, allotment

3282

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Average Availability By Location

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 10,000

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

3220

FORM RANGE 6

SWA B125

AVERAGE AVAILABILITY BY LOCATION

SPECIES	NUMBER OF PLANTS BY AVAILABILITY CLASS				WEIGHTED FACTOR
	PLANTS	AVAILABLE	PARTIALLY AVAILABLE	UNAVAILABLE	
AGSP	·· 2	100			200
	·· 2		50		100
	· 1			0	0
	5				300
				300/5	= 60%
FEID		100			
	: 2		50		100
	: 2			0	0
	4				100
				100/4	= 25%
AGSM	⊏ 7	100	→	→	100%
			50		
				0	
SIHY	☒ 10	100	→	→	100%
STCO	∷ 4	100			400
	· 1		50		50
	5				450
				450/5	= 90%
POSE	∷ 5	100	→	→	100%
BASA	· 1	100	→	→	100%
ASTR	☐ 8	100	→	→	100%
ARTR	☒∷ 15	100	→	→	100%
CHVA	☒☒ 20	100	→	→	100%
ARAR	· 1	100	→	→	100%

3281

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date:

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Proper Use Tables

OUTPUT FORM: Tabular

OUTPUT DESCRIPTION: A form that shows the plant species, with maximum allowable use, and the percent of use for each season for a species of animal.

USER(s): District Manager and Staff
Resource Area Manager and Staff

LOCATION(s): District Office
Resource Area Office

USAGE: Used to complete Form Range 5

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Bi-weekly for 2 months

DEPENDENCIES: As site inventory is conducted

REQUEST PARAMETERS: District, RA, ES Area, P.U., WH&B Area, allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Proper Use Tables

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 50

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

3281

FORM RANGE 7

STATE ☐☐
DISTRICT ☐☐
ANIMAL SPECIES ☐☐☐☐☐☐☐

PROPER USE TABLES

PLANT SPECIES	MAXIMUM USE ALLOWABLE	WINTER DATES 12/22-03/21	SPRING DATES 03/23-06/21	SUMMER DATES 06/22-09/22	FALL DATES 09/23-12/21

236

R6-32-3

3282 a, b, c

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-12-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Site Write-up Ecological Condition

OUTPUT FORM: Range 8 (tabular)

OUTPUT DESCRIPTION: A table giving the plant species name with the potential production and present production in pounds/acre; the potential percent and present percent composition; the present potential ground cover; and the present SSF compared to potential.

USER(s): District Manager and Staff
Resource Area Manager and Staff

LOCATION(s): District Office
Resource Area Office

USAGE: Used in URA-MFP, activity plans, ES, and resource management.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Weekly for 8 months

DEPENDENCIES: As site inventory is being conducted

REQUEST PARAMETERS: District, RA, ES Area, P.U., WH&B Area, allotment

3282 a, b, c

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Site Write-up Ecological Condition

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 10,000

COMPUTATIONS/PROCESSES: Attached to sample

ACCURACY: To decimal places indicated on the sample

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

E282.2

Range Form 8
Page 1

SWA B-125

SITE WRITEUP AREA ECOLOGICAL CONDITION CL~~ASSIFICATION COMPILATION~~

Step 1 - Present Composition and Production Compared to Potential

Species	Potential Production	% Composition	Present Production	% Composition	* Allowable Production
AGSP	265	36.8	87	13.3	87
FEID	110	15.3	20	3.1	20
AGSM	34	4.7	52	8.0	34
ELCO	57	7.9	–	–	
ORHY	29	4.0	–	–	
SIHY	–	–	113	17.3	
STCO	–	–	54	8.3	
POSE	–	–	30	4.6	
BRTE	–	–	15	2.3	
BASA	10	1.4	1	.2	1
GERA	4	.6	–	–	
ASTR	8	1.1	37	5.7	8
SPCO	16	2.2	–	–	
SAKA	–	–	12	1.7	
ARTR	74	10.3	136	20.7	74
ARAR	63	8.7	11	1.7	11
CHNA	–	–	86	13.1	
PUTR	50	7.0	–	–	
TOTAL	720	100	654	100	235

Allowable Present Production / Potential Production = 235 / 720 = 33 %

Points 20

*Can be equal to but cannot exceed potiential

Range Plan [illegible]
[illegible]

Step 2 - Present Ground Cover Compared to Potential

Factor	Present Transect Hits Basal and Canopy	% Cover	Potential Transect Hits Basal and Canopy	% Cover
Vegetation	50	25	70	35
Litter	2	1	16	8
Bare Ground	112	56	86	43
Gravel, Cobble or Stone	36	18	28	14
Crytograms				
TOTAL	200	100	200	100

Present Ground Cover, Vegetation and Litter $\frac{26}{43}$ = 60 %

Potential ground cover, vegetation and litter Points 10

Step 3 - Present SSF Compared to Potential SSF

Present SSF 48 - Potential SSF 28 = 20 Points 15

Ecological Condition Indicator	Points
Composition and Production	20
Ground Cover	10
Erosion	15
TOTAL	45

Ecological Condition Class FAIR

2252 c SITE WRITEUP AREA ECOLOGICAL CONDITION COMPUTATIONS

1. Composition and Production.

a. Present computed from Form V3.

b. Potential computed from Form V3 for comparison area or taken from SCS range site potential interpretations.

Percentage of Present Plant Community is of Potential	Points
76 -100	60
51 - 75	40
26 - 50	20
0 - 25	10

2. Ground Cover.

a. Present computed from Form V1.

b. Potential computed from Form V1 for comparison area.

Percentage Present Ground Cover is of Potential	Points
76 -100	20
51 - 75	10
26 - 50	5
0 - 25	0

3. Erosion Condition.

a. Present SSF from Form V1.

b. Potential SSF from Form V1 for comparison area.

Difference between Present SSF and Potential SSF	Points
0	20
11 - 20	15
21 - 30	10
31 - 40	5
41 -	0

4. Ecological Condition Classes	Total Points
Excellent	76 -100
Good	51 - 75
Fair	26 - 50
Poor	0 - 25

3283 a, b, c, d, e, f

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-12-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Site Write-up Apparent Trend

OUTPUT FORM: Range 9 (tabular)

OUTPUT DESCRIPTION: Gives present ecological data as compared to the potential data, arriving at an apparent trend for the site

USER(s): District Manager and Staff
Resource Area Manager and Staff

LOCATION(s): District Office
Resource Area Office

USAGE: Used in URA-MFP, ES, activity plans, resource management

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Weekly for 8 months

DEPENDENCIES: As site inventory is conducted

REQUEST PARAMETERS: District, RA, ES Area, P.U., WH&B Area, allotment

3283

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Site Write-up Apparent Trend

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 10,000

COMPUTATIONS/PROCESSES: Attached to sample

ACCURACY: To decimal places as indicated on sample

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

[illegible] a

SWA 125

Range Form 9

[illegible]

SITE WRITEUP AREA APPARENT TREND

1. Vigor

	COMPARISON AREA			PRESENT			
Species	Production	Number Plants	Ave Prod/ Plant	Production	Number Plants	Ave Prod/ Plant	% of Comp Area
AGSP	265	12	22.08	87	5	17.40	79
FEID	110	7	15.71	20	4	5.00	32
AGSM	34	4	8.50	52	7	7.43	87
ELCO	57	4	14.25				
ORHY	29	5	5.80				
BASA	10	3	3.33	1	1	1.00	30
GERA	4	2	2.00				
ASTR	8	3	2.67	37	16	2.31	87
SPCO	16	5	3.20				
ARTR	74	13	5.69	136	30	4.53	
ARAR	63	5	12.60	11	1	11.00	87
PUTR	50	15	3.33				
					67		402

$\frac{402}{67}$ = 60 = 6 points

2. Composition

$\frac{\text{Allowable Present Production}}{\text{Potential Production}}$ $\frac{235}{720}$ = 33% 6 points

3. Reproduction

$\frac{\text{Seedlings \& Young Potential Plants}}{\text{Total Seedlings \& Young}}$ $\frac{15}{40}$ = 38% 8 points

4. Location (Potential Plant Community Plants)

$\frac{\text{Number of Plants Available or Partially Available}}{\text{Total Number of Plants}}$ $\frac{44}{67}$ = 66% 9 points

[illegible]

SWA B-125

[illegible]

APPARENT TREND

5. Present Utilization

Species	Average Utilization	Number Plants	Weighted Utilization
AGSP	40	5	2.0
FEID	20	4	.8
AGSM	28	7	2.0
SIHY	26	10	2.6
STCO	46	5	2.3
POSE	18	5	.9
BASA	10	1	.1
ASTR	2	8	.2
ARTR	0	15	0
ARAR	30	1	.3
CHNA	0	20	.0
			11.20

= 8 points

6. Past Utilization Shrubs

$\frac{\text{No. Plants Normal \& Vigorous}}{\text{Total No. Shrub Plants}}$ $\frac{220}{220}$ = 100% 6 points

Past Utilization Grasses & Forbs

$\frac{\text{No. Plants Normal \& Vigorous}}{\text{Total No. Grasses \& Forbs}}$ $\frac{70}{90}$ = 78% 6 points

7. Litter

$\frac{\text{\% Litter Cover Present}}{\text{\% Litter Cover Potential}}$ $\frac{1}{8}$ = 13% 3 points

8. Watershed

Factor	Form U-1	Points
Soil Movement	6	2
Surface Litter	4	2
Surface Rock	10	0
Pedestalling	8	2
Rills	6	2
Flow Patterns	10	0
Gullies	4	2
Total		10

245

R6-34-4

SUMMARY

Apparent Trend Indicators	Points
1. Vigor	6
2. Composition	8
3. Reproduction	8
4. Location	9
5. Present Utilization	8
6. Past Utilization	12
7. Litter	3
8. Watershed	10
Total	64 Trend UP

3255 d Computations (3 pages) p. 1

D. Site Writeup Area Apparent Trend. Trend can only be determined by measuring changes over time. Apparent trend is only an estimate of current trend based on indicators of current changes occurring in the vegetation and soils condition. Apparent trend is needed for planning purposes until trend data can be substantiated over time. It is computed as follows:

1. Vigor - Present production per plant of potential plant species compared to production per plant on comparison area. Computed from data on Form V2 and step 1 of condition class computation.

% Present Prod/Plant of Potential	Points
76 -100	12
51 - 75	9
26 - 50	6
0 - 25	3

2. Composition - Present composition compared to potential composition taken from step 1 of condition class computations.

% of Potential	Points
76 -100	12
51 - 75	9
26 - 50	6
0 - 25	3

3. Reproduction -

% of Seedings and Young Which are Potential Veg.	Points
76 -100	16
51 - 75	12
26 - 50	8
0 - 25	4

4. Location of potential plant community species - Computed from Form V2.

	Points
76 -100% Available or partially available	12
51 - 75% Available or partially available	9
26 - 50% Available or partially available	6
0 - 25% Available or partially available	3

5. Present utilization - Computed from Form V2 and Range Form 2.

Utilization of Current Year's Growth	Points
0 - 20%	8
21 - 40%	6
41 - 60%	4
61 - 80%	2
81 -100%	0

6. Past utilization - Computed from Form V2.

Shrubs	Points
51 -100% Normal and vigorous	6
26 - 50% Normal and vigorous	3
0 - 25% Normal and vigorous	0

Grasses & Forbs	
51 -100% Normal and vigorous	6
26 - 50% Normal and vigorous	3
0 - 25% Normal and vigorous	0

7. Litter - Present litter compared to potential - taken from step 2 condition classification computation.

% Litter Cover of Potential	Points
76 -100%	12
51 - 75%	9
26 - 50%	6
0 - 25%	3

3283 f

p 3

8. Watershed - Taken from SSF elements on Form V2.

	Points
Soil Movement 0 - 8	2
Soil Movement 9 -14	0
Surface Litter 0 - 8	2
Surface Litter 9 - 4	0
Surface Rock 0 - 8	2
Surface Rock 9 -14	0
Pedestalling 0- 9	2
Pedestalling 10-14	0
Rills 0- 9	2
Rills 10-14	0
Flow Patterns 0- 9	2
Flow Patterns 10-15	0
Gullies 0- 9	2
Gullies 10-15	0

9. Summary Apparent Trend: The apparent direction of change in condition based on evaluation of data collected with SIM.

Points	Apparent Trend
61 -100	Up (Improving)
41 - 60	Not Apparent (Static)
0 - 40	Down (Declining)

3284

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-12-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Documentation of Comparison Areas

OUTPUT FORM: Tabular

OUTPUT DESCRIPTION: Gives record=type information on comparison areas

USER(s): District Manager and Staff LOCATION(s): District Office
Resource Area Manager and Staff Resource Area Office

USAGE: Used in analyzing comparison areas for potential of poorer condition areas and for future reference.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Monthly for 8 months

DEPENDENCIES: As site inventlry is conducted

REQUEST PARAMETERS: District, RA, ES Area, P.U., WH&B Area, allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Documentation of Comparison Areas

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 2,000 pages

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: Form to be redesigned for computer input.

DRAFT

ILLUSTRATION 8
Page 1 of 2

Bureau of Land Management
Standard Unit Record
For
Site Control Data
Documentation of Comparison Areas

Record Type		V	4
State		U	T
District		0	2
Township	0	9	S
Range	2	5	W
Comparison Area No.	0	0	1

DOCUMENTATION OF COMPARISON AREAS

1. Name of area Battle CREEK

2. Location SW 1/4 NW 1/4 SEC. 7
(Legal Description)

3. Ownership of Land FEDERAL

4. Size and Dimensions of Comparison Area 160 ACRES.

5. Vegetative Community

6. SCS Range Site Name (if named)

7. Soils Taxanomic Unit 4001

a. Soil Profile ___________

8. Major Plant Species. AGSP, FEID, ARTR, PUTR

9. Management or Use Past 50 years (if known)
NO LIVESTOCK USE FOR 20 YEARS
SOME WILDLIFE USE

10. Type of Area (exclosure, right of way etc.)
FENCED - UNALLOTED FOR LIVESTOCK USE

11. Evidence of possible influences (e.g., rodents, insects, disease, etc.)

12. Altitude 05320 Exposure W Slope 05%

13. General Description of Area AREA IS ALONG County ROAD 28 10 MILES WEST OF Willow, UTAH

32746

DRAFT

ILLUSTRATION 5
Page 2

14. Date Established (If previoulsy established)

15. Vegetation Sampling

a. Has vegetation been sampled? YES

b. When and by what methods? SIM 08-15-77

c. Where are records retained? WILLOW DISTRICT OFFICE

16. Photographs

a. When? 08-15-77

b. Type of photo's? COLOR PHOTOGRAPHS

c. Where are they retained? WILLOW DISTRICT OFFICE

17. Geologic Formation

18. Is area protected from future distrubance? NO

a. If not what needs to be done to protect the area? Both legally and physically? AREA SHOULD BE WITHDRAWN FROM ALL TYPES OF ENTRY AND FENCE MAINTAINED

Report by LOU HERD Date 08-15-77

(Please fill in as many blanks as possible and include a map showing location of area.)

253

R6-35-4

Prog. Area: 0134 AMP
Prep. By: JC/NW
Date: 8/3/77

3285

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Suitability

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: Overlay of Output #~~3283~~ 3287

USER(s): Resource Area Managers & Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE:

Record for making future changes in potentially suitable areas.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once for each site initially - 1/10 of BLM land area annually, repeat in 10 years or as requested

DEPENDENCIES: As suitability studies are completed

REQUEST PARAMETERS:

District, Resource Area, ES Area, WH&B Area, P.U., Allotment

3285

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Suitability

SORT ORDER: (Same as above)

ESTIMATED VOLUME: 2000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: Must fit base map

SCALE:

Must be same as base - usually 2.64"/mile

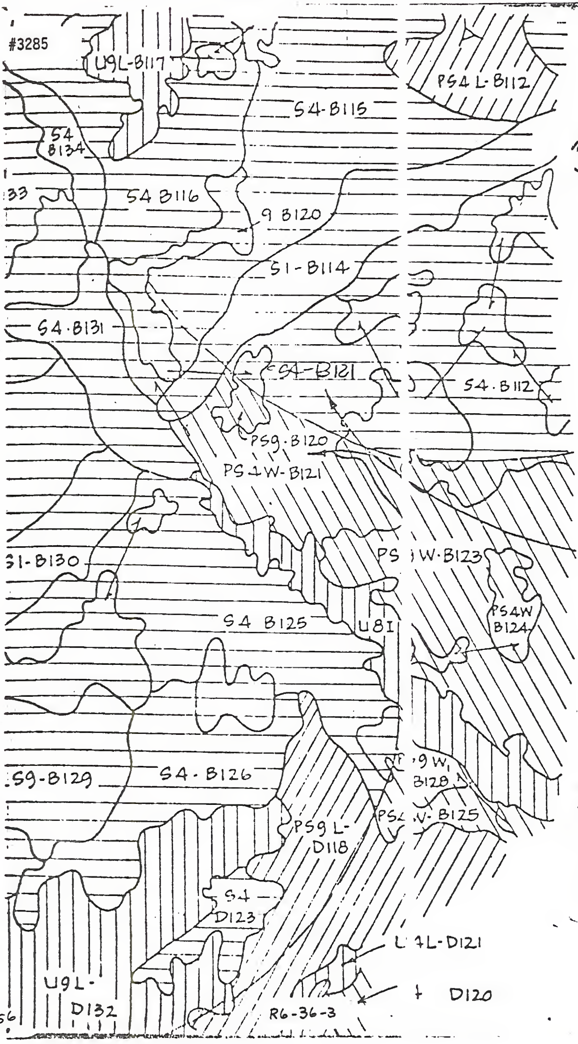
ANNOTATIONS: N/A

LEGEND:

See attachment

REMARKS:

#3285



~~Input~~
~~[illegible]~~
Output #

title:

"Suitability overlay"

Class of Livestock ?

LEGEND:

WRITE-UP - B-11
SUITABILITY CLASS - S, U,
VEGETATIVE ASPECT - 1, 4, 9
SUITABILITY MODIFIER - L, W,

Prog. Area: 0134 - AMP
Prep. By: JC/NW
Date: 8/4/77

#3286

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Grazing Capacity by Suitability and Vegetation Type

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A summary of acres and Aums in each vegetation type in each suitability type for each ownership and jurisdiction according to present carrying capacity and potential.

USER(s):	Resource Area Managers and Range Specialists District Range Specialists	LOCATION(s):	Area Office District Office

USAGE:
Used to summarize output # 3289 by suitability type by vegetation type

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Usually once every 10 years - as site inventory and range suitability studies are completed or as changes occur.

DEPENDENCIES: As changes in contained information occur.

REQUEST PARAMETERS: District, Resource Area, ES Area, WH&B Area, Planning Unit, Allotment

257

#3286

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Grazing capacity by suitability and vegetation type

SORT ORDER: District, Resource Area, ES Area, WH&B Area
Planning Unit. Allotment

ESTIMATED VOLUME: 6000 pages annually

COMPUTATIONS/PROCESSES: None but totals

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:
Should this be by sub-type instead of type? Is this form necessary?

3286

BUREAU OF LAND MANAGEMENT
DSC 1265-1
March, 1969
PROGRAM

REPORT LAYOUT FORM

6 LINES PER INCH

PAGE

Output 6

DATE

STATE
DISTRICT
RESOURCE AREA
PLANNING UNIT
ALLOTMENT NO.
ALLOTMENT NAME:

CLASS OF LIVESTOCK: CATTLE

GRAZING CAPACITY BY SUITABILITY AND VEGETATION TYPE

SUITABILITY	VEGETATION TYPE	CODE TREATMENT	CODE OWNERSHIP	JURISDICTION CODE	TYPE LAND STATUS CODE	LANDS SUBJECT TO MANAGEMENT								CONTROLLED BY OPERATOR				LANDS NOT SUBJECT TO MANAGEMENT			
						ADMINISTERED BY BLM				ADMINISTERED BY OTHER JURISDICTION											
						ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT	ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT	ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT	ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT
SUITABLE	1	1	F	BLM	V	10,000	300	3000	6000												
	4	1	S	F&G	BA	600	40	200	300												
	9	2	F	BLM	V	40	1	4	4												
	4	1	P		OO									2000	150	700	1000				
	4	1	A	AS	CO					3000	800	2000	3000								
	4	1	P		OO													1000	50	300	500
TOTAL						11600	[illegible]	[illegible]	[illegible]	3000	800	2000	3000	2000	150	700	1000	1000	50	300	500
POTENTIAL SUITABLE (LACK MG)	4	1	F	BLM	V	100	50	200	300												
TOTAL																					
POTENTIAL SUITABLE (LOW) PRODUCT.	6	1	F	BLM	V	1000		200	1000												
	5	1	A		DO										2000	100	2000				
TOTAL						1000		200	1000						2000	100	2000				
UNSUITABLE LOW POT. PRODUCTION	8	1	F	BLM		200															
TOTAL																					
UNSUITABLE (OTHER)	1	2	S	SCHL										300							
														300							
GRD TOTAL						11600	590	3400	7600	3000	800	2000	3000	2200	2150	100	3000	1000	50	300	500

R6-37-3

259

Prog. Area: 0134 AMP
Prep. By: JC/NW
Date: 8/3/77

3287

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Suitability Analysis by Site Write-Up

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the present and potential A/AUMS of a [illegible] [redacted], treatment opportunities, SSF, Condition & Trend

USER(s): Resource Area Manager & Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE:
A record necessary for future inputs and for analysis of land treatment practices.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once for each site initially, repeat in 10 yrs, and as requested.

DEPENDENCIES:

As suitability studies are completed

REQUEST PARAMETERS: Dist., RA, ES Area, WH&B Area, P.U., Allotment

3287

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Suitability Analysis by Site Write Up

SORT ORDER: Dist., RA, ES Area, WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 90,000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND:

N/A

REMARKS:

~~Input~~ — OUTPUT
ANALYSIS 2
ILLUSTRATION 4

#3287

Bucksin Mtn.
ALLOTMENT

SITE WRITEUP No. B-121

SUITABILITY ANALYSIS BY ~~SCS~~ SITE WRITEUP

3837 – I. (5) Acres/Animal Unit Month		II. (6) Soil Surface Factor	
Present	12	Present	34
Potential		Potential	
w/Management	8	(7) w/Management	26
w/Treatment (Lowest for treatments shown under V below)	6	(7) w/Treatment (Lowest for treatments shown under V below)	21
III. (9) Slope Percent	18	IV. (11) 3841 (12) 3842 Condition and Trend	Good →

V. Treatment Opportunities

TYPE	(12) 3:43 Ac/AUM	(13) 3:47 SSF	TYPE	Ac/AUM	SSF
Plow & Seed	6	21	Burn	8	25
Burn & Seed	6	21	Spray	8	25
Spray & Seed	6	21	Chain ~~Chain & Seed~~		

VI. Ownership and Suitability (Total Acres in Writeup Area 1586)

(14) 3807 (4113.2) Land Ownership	Suitability	Suitability Modifier	(15) Acres
NCL	S	–	614
	PS	W	870
total			1484
State	PS	W	102

Site writeup B-121

262

R6-38-3

[illegible].1

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/4/77

#3288

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Grazing Capacity Summary by Ownership.

OUTPUT FORM:
Print Out

OUTPUT DESCRIPTION: Summary of Output # 3289

USER(s): Resource Area Manager & Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE:
Used to give credit for forage produced on various ownerships and jurisdictions for fees and distribution of receipts

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: One tenth of BLM every year - Repeat usually on 10 yr basis.

DEPENDENCIES: As site inventory and suitability studies are completed; as changes occur.

REQUEST PARAMETERS: District, resource area, ES Area, WH&B Area, Planning Unit, Allotment

OUTPUT DESCRIPTION
Page 2 of 2

#3288

OUTPUT TITLE: Grazing Capacity Summary by Ownership.

SORT ORDER: District, resource area, ES Area, WH&B Area, Planning Unit, Allotment.

ESTIMATED VOLUME: 6000 pages annually

COMPUTATIONS/PROCESSES: None but totals

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

264

3288

BUREAU OF LAND MANAGEMENT
BSF 1265-1
March, 1969
PROGRAM

REPORT LAYOUT FORM

8 LINES PER INCH

Output 7

PAGE

DATE

STATE
DISTRICT
RESOURCE AREA
PLANNING UNIT
ALLOTMENT NO.
ALLOTMENT NAME

GRAZING CAPACITY SUMMARY
BY OWNERSHIP

CLASS OF LIVESTOCK: CATTLE

SUITABILITY	CODE TEA DESIGNATION	CODE OWNERSHIP	JURISDICTION CODE	TYPE LAND STATUS CODE	LANDS SUBJECT TO MANAGEMENT — CONTROLLED BY OPERATOR												LANDS NOT SUBJECT TO MANAGEMENT			
					ADMINISTERED BY BLM				ADMINISTERED BY OTHER JURISDICTION											
					ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT	ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT	ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT	ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT
SUITABLE	1	A	BLM	V	XXX	XX	XX	XX												
	1	A	FS						XXX	XXX	XXX	XXX								
	1	D	PRG	BA	XX	XX	XX	XX					XXX	XX	XX	XX				
	1	P		OO													XXX	XX	XX	XX
	1	P		OP																
	0	A	BLM	V	XXX	XX	XX	XX												
	0	A	BLM	LU	XXX	XX	XX	XX												
TOTAL																				
POTENTIAL SUITABLE LACK H_2O																				
TOTAL																				
POTENTIAL SUITABLE (LOW) PRODUCT																				
TOTAL																				
UNSUITABLE LOW POT. PRODUCTION																				
TOTAL																				
UNSUITABLE (OTHER)																				
GRD TTL					XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

GPO 888-600

R6-39-3

265

Prog. Area: 0134 AMP
Prep. By: JC/NW
Date: 8/4/77

3289

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Grazing Capacity by Suitability and Site Writeup

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: The acres and aums in each site writeup area for each ownership or jurisdiction by type of suitability and type of management or land treatment.

USER(s):		LOCATION(s):	
	Resource Area Manage. & Range Specialists District Range Specialists		Area Office District Office

USAGE:

Used to determine the present and potential carrying capacity of allotments for URA and MFP recommendation and decisions and serves as a basis for crediting various ownerships and jurisdictions for the forage furnished in computation of grazing fees, and as a basis for the statistical report and distribution of grazing receipts.

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Usually once every 10 years as site inventory and suitability studies or completed or as change occur.

DEPENDENCIES: As changes in contained information occur.

REQUEST PARAMETERS: District, Resource Area, E.S. Area, WH&B Area, Planning Unit, Allotment

3289

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Grazing capacity by suitability and site writeup

SORT ORDER: District, Resource Area, E.S. Area, WH&B Area , Planning Unit, Allotment

ESTIMATED VOLUME: 6000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

#3289

BUREAU OF LAND MANAGEMENT
DSC 1265-1
March, 1969

REPORT LAYOUT FORM
6 LINES PER INCH

Output #5

PROGRAM [illegible] Vegetative Data

PAGE

DATE

STATE
DISTRICT
RESOURCE AREA NM & B AREA
PLANNING UNIT
ALLOTMENT NO. [illegible] NAME

GRAZING CAPACITY BY
SUITABILITY AND SITE WRITEUP

CLASS OF LIVESTOCK: CATTLE

						LANDS SUBJECT TO MANAGEMENT														LANDS NOT SUBJECT TO MANAGEMENT				
						ADMINISTERED BY BLM				ADMINISTERED BY OTHER JURISDICTION				CONTROLLED BY OPERATOR										
SUITABILITY & VEGETATION TYPE	SITE WRITEUP NO.	CODE TGA DESIGNATION	CODE OWNERSHIP	JURISDICTION CODE	TYPE LAND STATUS CODE	ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT	ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT	ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT			ACRES	PRESENT AUMS	POTENTIAL AUMS WITH MGMT	POTENTIAL AUMS WITH TREATMENT	CONDITION & TREND
S	4B114	I	A	BLM	✓	1389	63	73	[illegible]															F→
S	4B130	O	B	FBG		1203	55	160	[illegible]															F→
PSW	1B121	I	F	FS	LU	160		80		100		40												B→
US	1B110	I	A	FWS	OR	640								280	15	20	180							FP
S	4B111	I																		70	12	24	50	F→
S	4B101	I	P																					F→

S SUITABLE
PSW POTENTIALLY SUITABLE WITH WATER
US UNSUITABLE - STEEP SLOPE

I INSIDE GRAZING DISTRICT
O OUTSIDE "

F FEDERAL
S STATE
P PRIVATE
C COUNTY
M MUNICIPAL

BLM BLM
FBG FISH AND GAME
FS FOREST SERVICE
FWS FISH & WILDLIFE SERVICE

V VACANT
LU LAND UTILIZATION
OR OTHER RESERVED
OC O & C
LA LEASE
BA BY AGREEMENT
OO OTHER OWNERSHIP

R6-40-3

268

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/4/77

#3290

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Grazing capacity summary by suitability, Acreage & Aums

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the acreage, present and potential Aums by suitability type for the allotment.

USER(s): Resource Area Manager & Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE: Used to analyze the present and potential carrying capacity and suitability types [illegible] allotment. Also, it gives totals for forage & location.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for each allotment for approx. 1/10 of BLM allotments.

DEPENDENCIES: As site inventory and suitability studies are completed or as requested.

REQUEST PARAMETERS: Dist, RA, ES Area, WH&B Area, P.U. Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3290

OUTPUT TITLE: Grazing capacity summary by suitability, Acreage & Aums

SORT ORDER: Dist. RA, ES Area, WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 1500 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS:

N/A

LEGEND: N/A

REMARKS:

#2290.

ANALYSIS 6
ILLUSTRATION 8
Output 8

Buckskin Mtn. ALLOTMENT
ALLOTMENT GRAZING CAPACITY SUMMARY
GRAZING CAPACITY SUMMARY BY SUITABILITY ACREAGE AND AUMS

I. Status, Acreage and Animal Unit Months

Land Status	Acreage		Present Prod		Potential Prod (AUMs)	
	Number	%	AUMs	%	w/Mgmt	w/Treatment
NRL	76,559	86	1,798	86	3399	9195
State	10,610	12	239	12	515	1313
Private	1,640	2	[illegible]4	2	103	222
Other Federal	—	—	—	—	—	—
Sub Total	88,809	100	2081	100	4,017	10,730
Uncontrolled	—	—	—	—	—	—
Totals	88,809	100	2081	100	4017	10,730

~~II. Suitability, Acreage and Animal Unit Months~~ CATTLE

Suitability	Acres		Present Prod AUMs	Potential Production	
	Number	%		w/Mgmt	w/Treatment
Suitable	40,836	46	2,081	2953	6400
Potentially Suitable (Lack of Water)	16,694	19	(755)	1030	1619
Potentially Suitable (Low Production)	23,852	27		34	2711
Total Potential	40,546			1064	4330
Unsuitable	7427	8			
Total	88,809	100	2,081	4,017	10,730

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/4/77

#3292

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Treatment Opportunities

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: Overlay showing various land treatments on site writeup areas.

USER(s): Resource Area Manager and Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE: Used as location for implementation of land treatment projects. URA and MRP required overlays.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for each allotment as for approx 1/10 of BLM land area annually. Repeat every 10 yrs or as requested.

DEPENDENCIES: As site inventory and suitability study completed.

REQUEST PARAMETERS: Dist., RA, ES Area, WH&B Area, P.U. Allotment.

3292

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Treatment Opportunities

SORT ORDER: Dist., RA, ES Area, WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 6000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY:
N/A

SCALE:
N/A

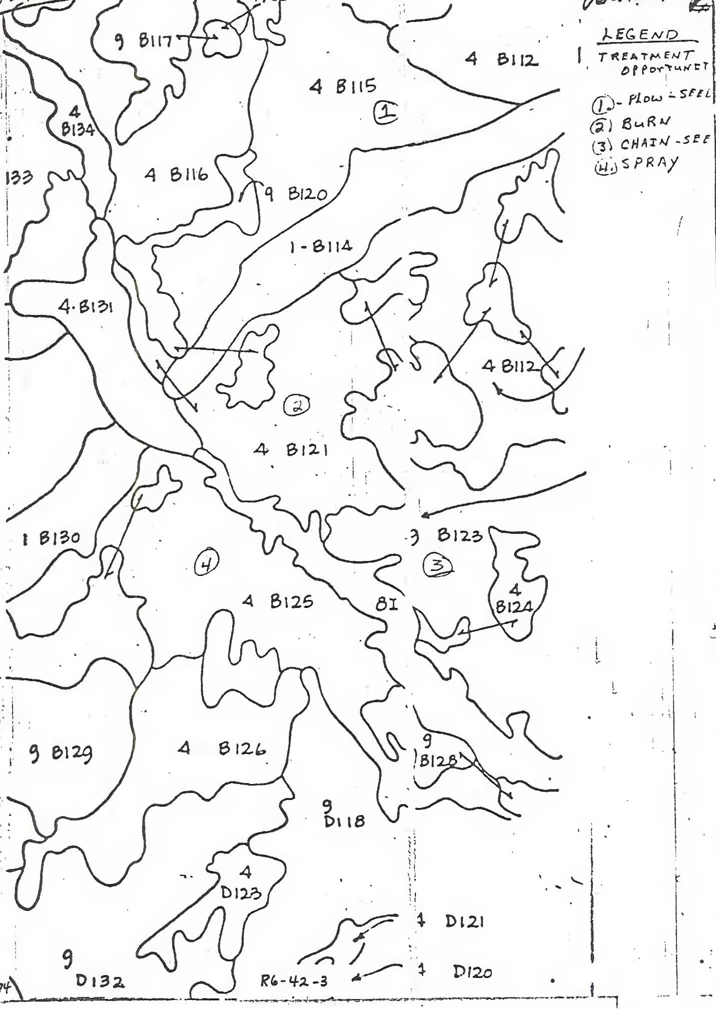
ANNOTATIONS:
N/A

LEGEND:
N/A

REMARKS:

#3292

TREATMENT OPPORTUNITIES [illegible]



Prog. Area: 0134- AMP
Prep. By: JC/NW
Date: 8/4/77

OUTPUT DESCRIPTION
Page 1 of 2

3294

OUTPUT TITLE: Potential by Treatment Opportunities by Site Writeup Area

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Shows potential acreages and Aums by various land treatments.

USER(s): Resource Area Manager & Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE:
Used to compute costs of projects - cost benefit ratio.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM land area repeat every 10 yrs and as requested.

DEPENDENCIES: As site and suitability study completed or as changes occur.

REQUEST PARAMETERS: Dist. RA, ES Area, WH&B Area, P.U. Allotment.

275

R6-43-1.

3294

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Potential by Treatment Opportunities by Site Writeup Area

SORT ORDER: Dist., RA, ES Area, WH&B Area, P.U. Allotment.

ESTIMATED VOLUME: 3000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

#3294

ANALYSIS 7
ILLUSTRATION 9

Duckstein Mtn.
ALLOTMENT

POTENTIAL BY TREATMENT OPPORTUNITIES BY ~~[illegible]~~ SITE WRITEUP AREA

CATTLE

WRITEUP	ACRES AND AUMs BY TREATMENT TYPE 1/													
	Plow & Seed		Chain & Seed		Burn & Seed		Spray & Seed		Chain		Burn		Spray	
	Acre	AUMs	Acre	AUMs	Acre	AUMs	Acre	AUMs	Acre	AUMs	Acre	AUMs	Acre	AUMs
B111	1010	168			1010	150	1010	150			1010	122	1010	122
B112	685	228			685	176	685	176						
B113	329	110	329	55										
B114	1389	463												
B115	2525	505			2525	475								
B116	1485	297			1485	262								
B118			691	115										
B121	1484	247			1484	247	1484	247			1484	186	1484	186

1/ Acreages are duplicated where more than one opportunity exists for a writeup area.

R6-43-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/4/77

OUTPUT DESCRIPTION
Page 1 of 2

#3296

OUTPUT TITLE: Allotment Range Condition and Trend Summary

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A summary showing the acreage in each condition category by trend.

USER(s): Resource Area Manager & Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE: Used to analyze the health of the allotment.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once every 3 to 5 yrs for each area.

DEPENDENCIES: As condition and Trend Studies are completed

REQUEST PARAMETERS: Dist, RA, ES Area, WH&B Area, P.U. Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3296

OUTPUT TITLE: Allotment Range Condition and Trend Summary

SORT ORDER: Dist, RA, ES Area, WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

# 3296

~~Output 11~~

ANALYSIS 8
ILLUSTRATION 10

Buckskin Mtn.
ALLOTMENT No.

ALLOTMENT RANGE CONDITION AND TREND SUMMARY

TREND	CONDITION CLASSES			
	GOOD	FAIR	POOR	TOTAL %
Improving	1,267	3543	314	5,724 (7%)
Static	4,002	32,225	14,113	50,340 (66%)
Declining	3,576	12,275	5,224	21,095 (27%)
Totals	8,845 (12%)	48,043 (63%)	19,671 (25%)	76,559

Prog. Area: 0134 - AMP
Prep. By: JC/NW
Date: 8/8/77

OUTPUT DESCRIPTION
Page 1 of 2

3312

OUTPUT TITLE: Unusual precipitation events (inches) causing vegetation changes

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Shows the mean monthly precipitation by year by recording station and the number of days annually with the number of inches, that precipitation was greater than one inch per day.

USER(s): Resource Area Manager & Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE:

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: One Week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM Land Area
Annually and as requested.

DEPENDENCIES: As AMP's are designed

REQUEST PARAMETERS: District, RA, WH&B Area, P.U. Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3312
OUTPUT TITLE: Unusual Precipitation Events (inches) Causing Vegetation Changes

SORT ORDER: District, RA, WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 2000 pages annually

COMPUTATIONS/PROCESSES:
None

ACCURACY:
N/A

SCALE:
N/A

ANNOTATIONS:
N/A

LEGEND:
N/A

REMARKS:
* Need author's reasoning - maybe some different type of precip. info.

TABLE
#2312

Output # I

DATE 1-31-77

4.1.13.6.

STATE -
DISTRICT -
RESOURCE AREA -

WHB AREA -
PLANNING UNIT -
ALLOTMENT -

UNUSUAL PRECIPITATION EVENTS (INCHES) CAUSING VEGETATION CHANGES

RECORDING STATION	YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL ANNUAL	> 1 INCH/DAY NO. DAYS	> 1 INCH/DAY IN.
IND DOT, MONT.	1941	0.12	0.10	0.13	1.05	2.56	-1.40	0.79	-0.11	1.12	-0.10	+1.31	0.33	7.09	2	2.17
	1942	+0.34	-0.03	0.09	0.97	-1.37	3.20	1.65	0.79	0.94	0.65	0.53	0.64	10.14	3	4.19
	1943	-0.05	0.17	0.15	1.34	3.68	2.11	1.12	1.05	0.53	0.33	-0 26	-0.16	11.26	2	3.94
	1976															
MEAN		0.15	0.11	0.13	1.55	3.14	3.76	1.05	0.66	1.03	0.43	0.73	0.42	0.43		

R6-45-3

Prog. Area: 0134 - AMP
Prep. By: JC - NW
Date: 8/8/77

3314

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Unusual Temperature Events Causing Vegetation Changes

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: The mean monthly temperature and number of days temperature was less than -32° for each year of record and the same info by the mean of the years recorded.

USER(s): Resource Area Manager & Range Specialist
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE:

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM Land area annually and as requested.

DEPENDENCIES: As AMP's are designed

REQUEST PARAMETERS: Dist., RA, WH&B Area, P.U., Allotment

284

R6-46-1

OUTPUT DESCRIPTION
Page 2 of 2

3314

OUTPUT TITLE: Unusual Temperature Events Causing Vegetation Changes

SORT ORDER: Dist., RA, WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 2,000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: *Need author's reasoning - maybe some different type of temperature info

TABLE # 33.4

Output, # II.

4.1.1.3.6.

STATE -
DISTRICT -
RESOURCE AREA -

UNUSUAL TEMPERATURE (MEAN MONTHLY AND NO. DAYS ≤ 32°) EVENTS CAUSING VEGETATION CHANGES

WH&B AREA -
PLANNING UNIT -
ALLOTMENT -

RECORDING STATION	YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
TWO DOT, MONT.	1941	43(13)	35(12)	45(09)	50(03)	55(01)	57	66	70	59	43(06)	36(13)	33(12)
	1942	41(06)	39(19)	38(10)	55(06)	60(03)	59(06)	68	62	61	41(09)	38(11)	31(09)
	1943	35(20)	40(13)	41(07)	53(02)	57(09)	62	63	58	53(03)	39(04)	41(06)	25(17)
	↓												
	1976												
MEAN		39(14)	37(19)	41(11)	52(04)	56(01)	62	65	67	55(01)	41(05)	39(10)	33(14)

R6-46-3

Prog. Area: 0134 - AMP
Prep. By: JC/NW
Date: 8/8/77

OUTPUT DESCRIPTION
Page 1 of 2

3316

OUTPUT TITLE: Other Unusual Events Causing Vegetation Changes

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Unusual events other than precipitation & temperature that cause changes in vegetation - giving the type of event, year, acreage and location.

USER(s): Resource Area Mgr & Range Specialists
District Range Specialists

LOCATION(s): Area Office
District Office

USAGE: Used in forage allocations and design of grazing system.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM Land Area annually and as requested.

DEPENDENCIES: As AMP's are written

REQUEST PARAMETERS: Dist., RA, WH&B area, P.U., Allotment

287

OUTPUT DESCRIPTION
Page 2 of 2

3316

OUTPUT TITLE: Other Unusual Events Causing Vegetation Changes

SORT ORDER: Dist., RA, WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 2000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

~~Input~~ — Output,

33/6

OTHER UNUSUAL EVENTS CAUSING VEGETATION CHANGE.

Type of Event[1]	Year	Location		Acres Involved
		Long.	Lat.	

[1] Animals (gophers, prairie dogs, grasshopper infestations, Art
Disease (smut, etc.)
Fire events
Major land use changes (Agri., Roads - ORV, etc.).

Prog. Area: 0134 - AMP
Prep. By: J.C./N/W
Date: 8/10/77

OUTPUT DESCRIPTION
Page 1 of 2

3330

OUTPUT TITLE: Summary of Precipitation Data

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Average precipitation by month, annually, by station, by area for years of record.

USER(s): Resource Area Manager & Range Specialists
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE: Used in determing type of land treatment projects and other range improvements, scheduling of jobs, ES and AMP preparation.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially repeat every 5 years

DEPENDENCIES: As URA prepared or updated, or as requested

REQUEST PARAMETERS: Dist., R.A., WH&B Area, P.U., Allotment

R6-48-1

OUTPUT DESCRIPTION
Page 2 of 2

3330

OUTPUT TITLE: Summary of Precipitation Data

SORT ORDER: Dist., R.A., WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

TABLE 3330

SUMMARY OF PRECIPTATION DATA (AVERAGE PRCIPITATION PER MONTH IN INCHES)

RIO PUERCO GRAZING ES AREA
RIO PUERCO P. U. 03-43
SOCORRO DISTRICT
New Mexico.

Resource Area ____________________
WH & B ____________________
Allotment____________________

Water Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average Annual	Years of Record
La Ventana	.78	.32	1.37	1.06	.99	.64	1.37	2.89	1.47	1.56	.40	1.15	14.00	7
Cuba*	.86	.72	1.07	.80	.76	.68	2.09	2.49	1.43	1.35	.62	.94	13.81	37
Espiritu Santo Grant	.93	.51	1.05	.87	.90	.67	1.42	2.39	1.20	1.10	.51	.77	12.29	7
Johnson Ranch	.59	.51	.78	.56	.58	.59	1.60	2.26	1.06	1.18	.49	.66	10.86	32
Penistaja	.50	.47	.61	.77	.57	.46	1.69	1.67	.85	.59	.32	.69	9.19	10
Torreon Navajo Mission	.23	.48	.42	.24	.40	.71	1.29	1.96	1.22	.87	.52	.67	9.01	9
Cabezon	.39	.30	.58	.59	.50	.56	1.25	1.88	.98	.84	.51	.46	8.84	20
AVERAGE	.61	.47	.84	.70	.67	.62	1.53	2.22	1.17	1.07	.48	.76	11.14	

R6-48-3

*Location of Station Moved in 1952 to 6945[x] feet and in 1957 to 7045[x] feet.

[x] Data taken from U.S. Weather Bureau, Climatological Record.

Prog. Area: 0134 - AMP
Prep. By: JC/NW
Date: 8/10/77

OUTPUT DESCRIPTION
Page 1 of 2

3332

OUTPUT TITLE: Summary of Temperature Data

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Average monthly, annual and max-min temperatures by [redacted] area

USER(s): Resource Area Manager & Range Specialist
District Manager and Staff

LOCATION(s): Area Office
District Office

USAGE: Used in determing type of land treatment projects and other range improvements, scheduling of jobs. ES and AMP preparation.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years

DEPENDENCIES: As URA, URA update, ES or AMP/s are prepared or as requested

REQUEST PARAMETERS: Dist., R.A., WH&B Area, P.U. Allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Summary of Temperature Data

SORT ORDER: Dist., R.A., WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

Table 3332

SUMMARY OF TEMPERATURE DATA
RIO PUERCO GRAZING ES AREA
RIO PUERCO P. U. 03-43

SOCORRO DISTRICT
NEW MEXICO

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	AVERAGE ANNUAL
Average Annual	.61	.47	.84	.70	.67	.64	1.53	2.22	1.17	1.07	.48	.76	11.14
Average Maximum	–	–	–	–	–	–	–	–	–	–	–	–	–
Average Minimum	–	–	–	–	–	–	–	–	–	–	–	–	–

R6-49-3

Prog. Area: 0134 - AMP
Prep. By: JC/NW
Date: 8/10/77

OUTPUT DESCRIPTION
Page 1 of 2

3334

OUTPUT TITLE: Frost Free Periods

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Average frost free periods over the years of record by stations and area.

USER(s): Resource Area Manager & Range Specialists District Manager & Staff

LOCATION(s): Area Office District Office

USAGE:

Used in design of range improvements, URA, ES and AMP preparation

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially repeat every 5 years

DEPENDENCIES: As URA prepared and updated or ES and AMP's prepared or as requested

REQUEST PARAMETERS: Dist., R.A., WH&B Area, P.U. Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3334

OUTPUT TITLE: Frost Free Periods

SORT ORDER: Dist., R.A., WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

Table 3334

FROST-FREE PERIODS
San Luis Grazing es Area
San Luis Planning Unit 03-43
Canon City District
Colorado

Climatic Data Station	Average Length (in days)	Average Dates of Latest and Earliest Frost
Alamosa	96	6/8 - 9/12
Del Norte	115	5/31 - 9/24
Manassa	95	6/8 -- 9/11
Monte Vista	80	6/8 - 8/26
Poncha Pass	80-90 (Estimate)	
Saguache	105	6/3 - 9/16
Average	---	-/- - -/-

R6-50-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/10/77

OUTPUT DESCRIPTION
Page 1 of 2

3336
OUTPUT TITLE: Summary of Air Movement Data

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Average wind direction and velocity during each season and annually by each station and by area.

USER(s):
Resource Area Manager &
Range Specialist
District Manager and Staff

LOCATION(s):
Area Office
District Office

USAGE:

Used for types of range improvements, URA, ES

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat 5 years

DEPENDENCIES: As URA prepared, updated or as ES prepared, or as requested

REQUEST PARAMETERS: Dist., RA, WH&B Area, P.U., Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3336

OUTPUT TITLE: Summary of Air Movement Data

SORT ORDER: Dist., RA, WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND:

N/A

REMARKS:

TABLE 3336

Summary Air Movement Data

San Luis ES Area
San Luis Planning Unit
Canon City District
Colorado

Climatic Stations	Seasons								Average Annual	
	Spring		Summer		Fall		Winter			
	Velocity	Direction	Velocity	Direction	Velo.	Direc.	Velo.	Direc.	Velocity	Direction
Name sta 1	—	—	—	—	—	—	—	—	—	—
" " 2	—	—	—	—	—	—	—	—	—	—
etc										
Average	—	—	—	—	—	—	—	—	—	—

R6-51-3

Prog. Area: 0134 - AMP
Prep. By: JC/NW
Date: 8/10/

3338

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Summary Evapotranspiration

OUTPUT FORM:
Printout

OUTPUT DESCRIPTION: The average annual evaporation, transpiration and total loss by evaporation and transpiration at each station and area.

USER(s): Resource Area Manager & Range Specialists
District Manager and Staffs

LOCATION(s): Area Office
District Office

USAGE:
Used with Output 3330 (precipitation) in design and type of range improvements, URA, ES preparation

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat 5 years

DEPENDENCIES: As URA prepared, updated or as ES prepared or as requested

REQUEST PARAMETERS: Dist., RA, WH&B Area, P.U., Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3338

OUTPUT TITLE: Summary Evapotranspiration

SORT ORDER: Dist., RA, WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 500

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

Table 3338

SUMMARY EVAPOTRANSPIRATION
San Luis Grazing es Area
San Luis Planning Unit 03-43

Canon City District
Colorado

Climatic Data Station	Average Annual Evaporation (Inches/Year)	Average Annual Transpiration Loss (Inches/Year)	Average Annual Evapo-Transpiration Loss (Inches/Year)
Name sta 1	—	—	—
" " 2	—	—	—
etc.			
Average	—	—	—

Note: Revise Form - so Information Is Lengthwise of Paper.

R6-52-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/10/77

OUTPUT DESCRIPTION
Page 1 of 2

3340

OUTPUT TITLE: Existing Air Pollutants Compared to Standards

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A list showing ~~pollinats~~ pollutant, its concentration, the Federal primary and secondary standard and the state standard

USER(s): Resource Area Manager & Range Specialists
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE:

Used in URA, E.S., AMP

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat in 5 years or as requested.

DEPENDENCIES: Preparation of the URA update ES or AMP

REQUEST PARAMETERS: District, RA, WH&B Area, P.U. Allotment

305

R6-53-1

OUTPUT DESCRIPTION
Page 2 of 2

3340

OUTPUT TITLE: Existing Air Pollutants Compared to Standards

SORT ORDER: District, RA, WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 2000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE:

N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

Output # I
4115.3211.2

3340

SAN LUIS GRAZING ES AREA.
SAN LUIS P.U. 03-43
CANON CITY DISTRICT
COLORADO

EXISTING CONCENTRATIONS OF AIR POLLUTANTS COMPARED TO
FEDERAL AND STATE AMBIENT AIR QUALITY STANDARDS

Type of Pollutant	Measurement Criteria	Existing Concentrations	Federal Standard		State Standard
			Primary	Secondary	
Sulphur Dioxide	Annual Arithmetric Mean-Per year		80 ug/M³ (0.03 ppm)		
	Once per year per 24 hr Period		365 ug/M³ (0.14 ppm)		
	Once per Year per 3 hr. Period			1300 ug/M³ (0.05 ppm)	
Particulate Matter (Total Suspended)	Annual Geometric Mean-per Yr.		75 mg/M³	60 ug/M³	
	Once Per Year Per 24 hr. Period		260 mg/M³	150 ug/M³	
Carbon Monoxide	Once Per Year Per 8 hr. Period		10 mg/M³ (9.0 ppm)		
	Once Per Year Per 1 hr Period		39 mg/M³ (35 ppm)		
Photo Chemical Oxidants	Once Per Year Per 1 hr Period		160 ug/M³ (0.08 ppm)		
Hydro Carbons	Once Per Year Per 3 Hr Period		160 ug/M³ (0.24 ppm)		
Nitrogen Dioxide	Annual Arithmetric Mean Per Year		100 ug/M³ (0.05 ppm)		
Soiling Index					
Metals in Suspended Particulate					
Continue with other Air Pollutants As Applicable					

R6-53-3

Prog. Area: 0134-AMP
Prep. By: J.C./N.W.
Date: 8/11/77

3342

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Existing Concentrations of Pollutants that Cause Odors

OUTPUT FORM:
Printout

OUTPUT DESCRIPTION:
A table showing type of pollutant, source of odor and existing concentration.

USER(s): Resource Area Manager &
Range Specialists
District Manager and Staff

LOCATION(s): Area Office
District Office

USAGE:
Used in URA, preparation of AMP and E.S.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat in 5 years or as requested

DEPENDENCIES: Preparation of URA update, ES or AMP

REQUEST PARAMETERS: Dist. RA, WH&B Area, P.U. Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3342

OUTPUT TITLE: Existing Concentrations of Pollutants that cause Odors

SORT ORDER: Dist., RA, WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 2000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

San Luis Grazing es Area
San Luis Planning Unit 03-43
Canon City District
Colorado

TABLE 3342

EXISTING CONCENTRATIONS OF ARE POLLUTANTS THAT CAUSE ODORS

Type of Air Pollutant (Odor)	Source of Odor	Existing Concentration

Note: Put Info lengthwise

R6-54-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/11/77

OUTPUT DESCRIPTION
Page 1 of 2

3350

OUTPUT TITLE: Physical Characteristics of Geological Formations

OUTPUT FORM:

Printout

OUTPUT DESCRIPTION:

Table giving the name of the formation, the lithology and water-bearing characteristics

USER(s):	Resource Area Manager & Range Specialists District Manager & Staff	LOCATION(s):	Area Office District Office

USAGE:

Used in URA and Range Improvement Planning

ACCESS LIMITATIONS:

None

RESPONSE TIMES:	DESIRED:	2 days	REQUIRED:	1 week

FREQUENCY OF PRODUCTION:

Once initially for 1/10 of BLM Land Area; repeat in 10 years; as requested.

DEPENDENCIES:

As URA prepared and range improvements planned.

REQUEST PARAMETERS:

Dist., RA, WH&B Area, P.U., Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3350
OUTPUT TITLE: Physical Characteristics of Geological Formations

SORT ORDER: Dist., RA, WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

Table 3350

PHYSICAL CHARACTERISTICS OF GEOLOGICAL FORMATIONS

Geologic Formations	Lithology	Water-bearing characteristics
	Cobbles, gravel, sand, silt, and clay; unconsolidated. Generally underlies valley floor.	Yields large quantities of water of good to fair quality to irrigation, industrial, stock, and domestic wells. Water generally has a high silica content.
	Boulders, cobbles, gravel, sand, and silt, consisting of fragmants of feldspar, quartz, and igneous and metamorphic rocks; unconsolidated to loosely consolidated.	Generally lie above the water table except along the mountain front at the contact with pre-Tertiary rocks. Yields some water to contact springs and may yield water to a few domestic and stock wells.
	Boulders, cobbles, gravel, sand, silt, and clay; unconsolidated to consolidated but generally weekly cemented. Includes interbedded volcanic material locally.	Yields large quantities of water of good quality to municipal, industrial, irrigation, stock, and domestic wells. Water generally has a high silica content.
	Slightly cemented medium-to coarse-grained quartz sand.	Probably would yield water suitable for stock near outcrop. No wells known to tap this unit.
	Volcanic breccia, conglomerate, and tuff.	No wells are known to be completed in this formation
	Sandstone, sand, clay, and shale	Do.
	Predominantly gray to black shale, includes several prominent beds of buff-colored to gray sandstone and some thin beds of coal.	Do wells tap this unit because of great depth. Sandstone beds yield water of fair to poor quality to stock and domestic wells in adjoining area
	Predominantly gray to black shale; includes several beds of buff-colored to gray sandstone.	Do.

R6-55-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/11/77

3352

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Geological Formations

OUTPUT FORM:

Map Overlay

OUTPUT DESCRIPTION: An overlay depicting the various geological formations

USER(s):	Resource Area Managers & Range Specialists District Managers and Staff	LOCATION(s):	Area Office District Office

USAGE:

Used to prepare URA, and range improvement planning

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

Once initially for 1/10 of BLM, repeat in 10 years or as requested

DEPENDENCIES:

As URA prepared and range improvements planned

REQUEST PARAMETERS: Dist., RA, WH&B Area, P.U., Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3352

OUTPUT TITLE: Geological Formations

SORT ORDER: Dist., RA, WH&B Area, P.U., Allotment

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

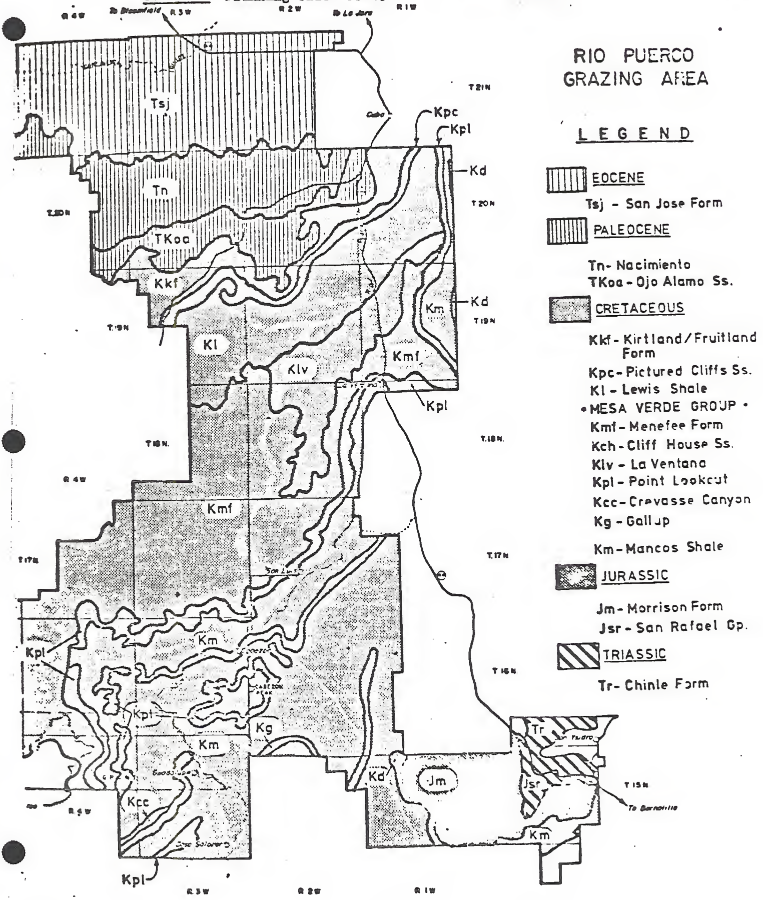
315

Table 3352

Geological Formation

San Luis Grazing es Area — Canon City District

San Luis Planning Unit 03-43 — Colorado



316

R6-56-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/11/77

OUTPUT DESCRIPTION
Page 1 of 2

3360

OUTPUT TITLE: Summary of Chemical & Physical Soil Characteristics

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the soil phase with various characteristics

USER(s): Resource Area Manager & Staff
District Manager and Staff

LOCATION(s): Area Office
District Office

USAGE:
Used for URA - determining potential vegetation production and Range Condition

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initally for 1/10 of BLM annually or as requested. Repeat every 10 years

DEPENDENCIES:
As Site Inventory is completed

REQUEST PARAMETERS:
Dist., Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Summary of Chemical & Physical Soil Characteristics

SORT ORDER: Dist., Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 5000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY:

N/A

SCALE:

N/A

ANNOTATIONS:

N/A

LEGEND: N/A

REMARKS:

318

TABLE 3360

SUMMARY OF PHYSICAL AND CHEMICAL SOIL CHARACTERISTICS

State ____________ District ____________

Resource Area ____________ Planning Unit ____________

W &B Area ____________

Allotment ____________

Soils	Land Form	Parent Materials	Drainage Class	Texture	Depth (inches)	Soil Reaction	Effective Root Depth (inches)	Water-holding Capacity	Permeability	Surface Runoff	Erosion Susceptibility
Ryan Park	sloping fans	mixed alluvium	well-drained	sandy loam to loamy sands	60+	neutral	60+	moderately low	moderately rapid to rapid	slow	moderate
Seitz	sloping to steep mountainsides and ridges	outwash material	well-drained	very stony loam to very stony clay loam	60+	neutral	40+	moderate	slow	slow	moderate to high
San Arcacio	flood plains	mixed alluvium	moderately well-drained	sandy loam to sandy clay loam over sand and gravel	20-36	moderately to strongly alkaline	20+	low	moderate	slow	slight to moderate
Space City	low ridges of the valley floor	coarse-textured alluvium	well-drained	loamy fine sand	60	moderately alkaline	60	low	rapid	slow	severe wind
Stunner	sloping fans	alluvium mainly from basaltic rocks	well-drained	loam to clay loam	60+	neutral to moderately alkaline	60	high	moderate	moderate	moderate
Tolman	foothill slopes	loamy residuum	well-drained	very stony loam to very cobbly clay loam over bedrock	10-20	neutral	10-20	low	moderate	moderate to rapid	low
Traveler	sloping ridges and mesa tops	weathered basaltic rock	well-drained	very gravelly loam	10-20	moderately alkaline	20	low	moderate	moderate	moderate
Uracca	steep alluvial fans	very coarse alluvium	well-drained	very cobbly loam to very cobbly clay loam	33-60	moderately alkaline	23-60	low	moderate to rapid	slow	slight
Vastine	bottoms along major creeks	moderately fine alluvium	poorly drained	loam to sandy clay loam over sand or loamy sands	60	moderately alkaline	60	moderate	moderate to moderately slow	slow	slight

Depth to Bedrock (in)	Salinity	Dispersion	Shrink-Swell Potential
-	-	-	-
36-60	slight slight slight	moderate moderate moderate	moderate moderate moderate
72	slight slight slight	moderate low low	moderate high high
8-16	non-saline non-saline	low low	moderate high
72	moderate	low	high
6-72	slight slight slight	moderate moderate moderate	moderate high high
14-24	slight slight	low low	high high
72	slight severe	moderate moderate	high high
72	slight slight slight	moderate moderate high	low moderate low
0-16	slight slight	low low	moderate high
760	non-saline non-saline non-saline	low low low	moderate high moderate
6-16	slight	moderate	low

R6-57-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/12/77

3362

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Interpretation of Soil Properties for Engineering Uses

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing soil phases within a given area and an interpretation of the respective soil properties in those phases indicating degree of use for engineering purposes.

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office

USAGE:

Used for URA - determing potential vegetation production and range condition.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: One initially for 1/10 of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES:

As site inventory is completed.

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

3362

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Interpretation of Soil Properties for Engineering Uses

SORT ORDER:
District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME:
5,000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

TABLE 3362

INTERPRETATION OF SOIL PROPERTIES FOR ENGINEERING USES

______________ Grazing es Area ______________ District

______________ Planning Unit Colorado

Soil Map Symbol and Soil Phase	Nature of Topsoil	Roadfill	Degree of Limitation for Septic Tank Filter Field	Corrosion Potential (Untreated Steel Pipe)
1. Christianburg-Navajo				
Christianburg Clay	poor, high clay content	poor	severe, very slowly permeable	high
Navajo Clay	poor, high clay content	poor	severe, very slowly permeable	high
2. Litle-Las Lucas-Persayo				
Las Lucas Loam	fair to depth of 5 inches	poor, Clayey material	severe, slow permeability	moderate to high
Litle Silty Clay Loam	poor, clayey	poor, high shrink-swell	severe, very slowly permeable shale at 20 - 40 inches	high
Persayo (refer to No. 5 Persayo)	poor, clayey	poor, high shrink-swell	severe, very slowly permeable shale at 20 - 40 inches	high

Foundation Support	Road Location	Reservoir Area	Embankment	Dykes & Levees (Terraces & Diversions)
1. poor bearing capacity high shrink-swell	poor stability & bear. value, high shrink-swell	good, very slowly permeable	fair to poor stability & compaction stability	subject to cracking or drying, poor stability & subj. to channel erosion & piping
poor bearing capacity	poor stability & bear. capacity, high shrink-swell plastic material	good, very slowly permeable	fair to poor stability & compaction stability	
2. fair bearing capacity & shear strength, moderate shrink-swell	poor stability shale at 40-60 in.	shale at 40-60 in., subject to seepage if shale exposed	clayey material, erodible	Undulating topography subj. to channel erosion & siltation
fair bearing capacity high shrink-swell	poor stability & bearing capacity, shale at 20-60 in.	clayey shale at 20-40 inches	clayey material,	clayey material,

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/15/77

3364

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Soil Phases

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: Overlay showing the soil phases within a given area

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE:
Need for URA - Determining Potential Vegetation Production and Range Condition

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:
Once initially for 1/10 of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES:
As site inventory is completed

REQUEST PARAMETERS:
District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

R6-59-1

OUTPUT DESCRIPTION
Page 2 of 2

3364

OUTPUT TITLE: Soil Phases

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 2000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: Must fit base map

SCALE: Same as base map

ANNOTATIONS: N/A

LEGEND: See sample overlay

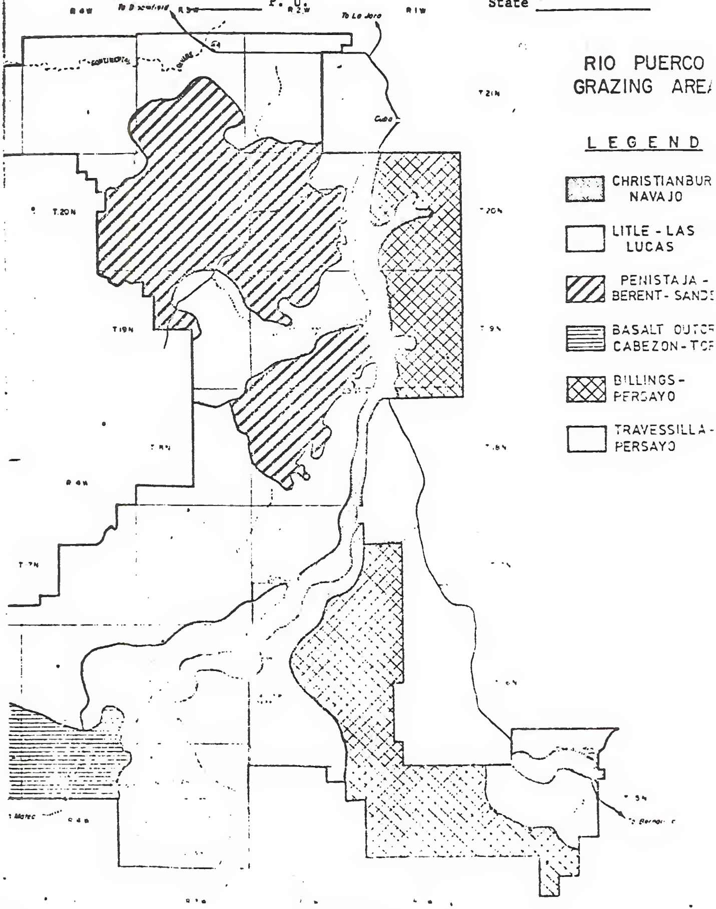
REMARKS:

TABLE 3364

SOIL PHASES

________ Grazing es Area District ________

________ P. U. State ________



Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/16/77

3366

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Potential Productivity of Soil Phases

OUTPUT FORM:

Printout

OUTPUT DESCRIPTION:

A table showing potential productivity of soil phases based on different moisture conditions in a given year.

USER(s):	Resource Area Manager & Staff District Manager & Staff	LOCATION(s):	Area Office District Office

USAGE:

Used for URA - Determining potential vegetation production and range condition.

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

Once initially for 1/10 of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES: As site inventory is completed

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3366

OUTPUT TITLE: Potential Productivity of Soil Phases

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 5000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

TABLE 3366

POTENTIAL PRODUCTIVITY OF SOIL PHASES

Soil	Kind of year*	Dry Weight (lbs/acre)
Acacio	Favorable	1200
	Normal	800
	Unfavorable	600
Alamosa	Favorable	2500
	Normal	2000
	Unfavorable	1500
Arena	Favorable	1200
	Normal	—
	Unfavorable	600
Bushvalley	Favorable	1600
	Normal	1200
	Unfavorable	800
Celesta	Favorable	900
	Normal	—
	Unfavorable	400
Corlett	Favorable	650
	Normal	500
	Unfavorable	300
Costilla	Favorable	1200
	Normal	—
	Unfavorable	700
Cotopaxi-Dune Land	Favorable	1200
	Normal	—
	Unfavorable	700
Cumbres	Favorable	1500
	Normal	1000
	Unfavorable	700
Curecanti	Favorable	1000
	Normal	850
	Unfavorable	600
Derrick	Favoarable	700
	Normal	500
	Unfavorable	300
Dunnul	Favorable	600
	Normal	450
	Unfavorable	300
Embargo	Favorable	1600
	Normal	1200
	Unfavorable	800
Empedrado	Favorable	1600
	Normal	1200
	Unfavorable	800
Fulcher	Favorable	2000
	Normal	—
	Unfavorable	1000
Garita	Favorable	800
	Normal	600
	Unfavorable	400
Graypoint	Favorable	800
	Normal	550
	Unfavorable	300

* Favorable year = above-normal moisture conditions
Normal year = normal moisture conditions
Unfavorable year = below-normal moisture conditions

R6-60-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/16/77

3368

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Erosion Condition Classes

OUTPUT FORM:

Printout

OUTPUT DESCRIPTION: A table showing acres of erosion condition classes for proposed and existing allotment management pastures.

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office

USAGE:

Used for URA - determining potential vegetation production and range condition

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES:

As site inventory is completed

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

3368

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Erosion Condition Classes

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND:

N/A

REMARKS:

Table 3368

Erosion Condition Classes
(For Proposed And Existing Allotment Management Pastures)

Management Unit		Stable (acres)	Slight (acres)	Moderate (acres)	Critical (acres)
79P	Branch		2,457		
80P	Pup Peak		5,002		
81P	Limekiln		2,525	2,525	
82P	Nicomodes		2,772	308	
83P	Raton Creek		3,940		
84P	Rock Creek		10,096	2,324	
85P	McMahon		7,508	7,508	
86P	Greenie Mountain		4,868	3,246	
87P	Gato-Hutchinson		205	1,845	
88P	Triangle		1,857	1,856	
89P	Alamosa River			760	
93P	Posito Creek		249	4,741	
94P	Jadero Flat		4,420	260	520
95P	Poso Creek		112	2,128	
96P	Capulin			5,589	
97P	Romero Canyon		1,730		
98P	Ra Jadero Canyon		6,057		673
99P	Cinder Pits		1,537	13,833	
100E	Ciscom Flat		3,680		
102P	La Jara Creek		820		
106P	Little Mogotes		5,404	8,106	
107P	Grande	2,964	790	196	
108P	Mogote Flat		1,582	395	
109P	Poso		1,048	4,192	
110P	Los Mogotes		6,763	751	
111P	Big Horn Creek		76		684
112P	Railroad				3,741
113P	Llano				5,261
115P	Alta Lake		5,723	5,723	
116E	Twin Lakes		8,143		
117P	River		2,324		
119P	South Valley		17,100	900	
120P	Pinon		2,163	5,047	
121E	Kiowa Hills			4,302	
122P	Braiden		480	480	
123P	Eight Mile		2,820	2,820	
124P	Pinon Hills			9,274	
125P	Rio Grande Common		7,444	9,306	1,861
126P	La Sauses		1,280		1,920
129P	Rio Grande		2,975		
132P	Four Mile		320		
133P	Tobin Creek		5,820	306	
134P	Foothills		1,880	2,820	
137P	Blanca	539	2,695	2,156	
138P	Dry Lakes	40	60		
141P	Zapata Falls		2,995	2,996	
159P	Klondyke		1,169		

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/16/77

OUTPUT DESCRIPTION
Page 1 of 2

3370

OUTPUT TITLE: Average Sediment Yield from Different Veg. Soil Types

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the average sediment yield from different soil types in tons per acre per year for a given area.

USER(s): Resource Area Manager & District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE:

Used for URA - Determining potential vegetation production and range condition

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES:

As site inventory is completed.

REQUEST PARAMETERS:

District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

R6-62-1

3370

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Average Sediment Yield from Different Veg. Soil Types

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 15,000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

Should this be by subtypes? or site-writeup areas?

TABLE 3370

Average Sediment Yield From Different (Veg./Soil) Types

(Yield) TONS/ACRES/YEAR

Soil Phase		Grassland	Ponderosa Pine	Saltbush	Greasewood	Sage	Pinyon-Juniper	Steep & Rocky	Barren	Snakeweed
Christianburg-Navajo (entire area)		0.8	-	0.8	0.9	-	-	-	2.5	-
Litle-Las Lucas	(North)	0.6	0.7	-	-	0.6	0.6	0.7	-	-
	(South)	0.7	-	0.7	0.7	-	0.7	0.6	2.6	0.7
Penistaja-Berent Sandstone	(North) only	0.4	0.5	-	-	0.4	0.4	0.5	1.9	-
Basalt Outcrop-Cabezon	(South) only	0.4	0.3	-	-	-	0.3	0.2	-	-
Billings-Persayo	(North)	1.0	0.9	-	-	0.9	0.8	0.9	-	-
	(South)	0.9	-	0.9	-	-	0.8	0.9	2.5	0.9
Travessilla-Persayo	(North)	-	0.6	-	-	0.6	0.6	0.6	-	-
	(South)	0.7	-	0.6	0.7	0.7	0.6	0.5	2.1	0.6

R6-62-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/16/77

3372

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Annual Sediment Yield by Pasture

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the annual sediment yield in tons per acre for soil phases

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office

USAGE:

Used for URA - Determining potential vegetation production and range condition

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:
Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES:

As site inventory is completed

REQUEST PARAMETERS:
District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3372

OUTPUT TITLE: Annual Sediment Yield by Pasture

SORT ORDER: District Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

a

REMARKS:

Table 3372

ANNUAL SEDIMENT YIELD BY PASTURE (in tons per acre)

Soil Phase	Acres Per Pasture	Tons Sediment Loss Per Acres Per Year	Total Annual Sediment Yield in tons

R6-63-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/16/77

3374

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Erosion Condition Classes

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing erosion condition classes within a given area

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office

USAGE:

Need for URA - Determining potential vegetation production and range condition.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years

DEPENDENCIES: As site inventory is completed.

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

338

R6-64-1

OUTPUT DESCRIPTION
Page 2 of 2

3374

OUTPUT TITLE: Erosion Condition Classes

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 2000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Must fit base map

SCALE: Same as base map

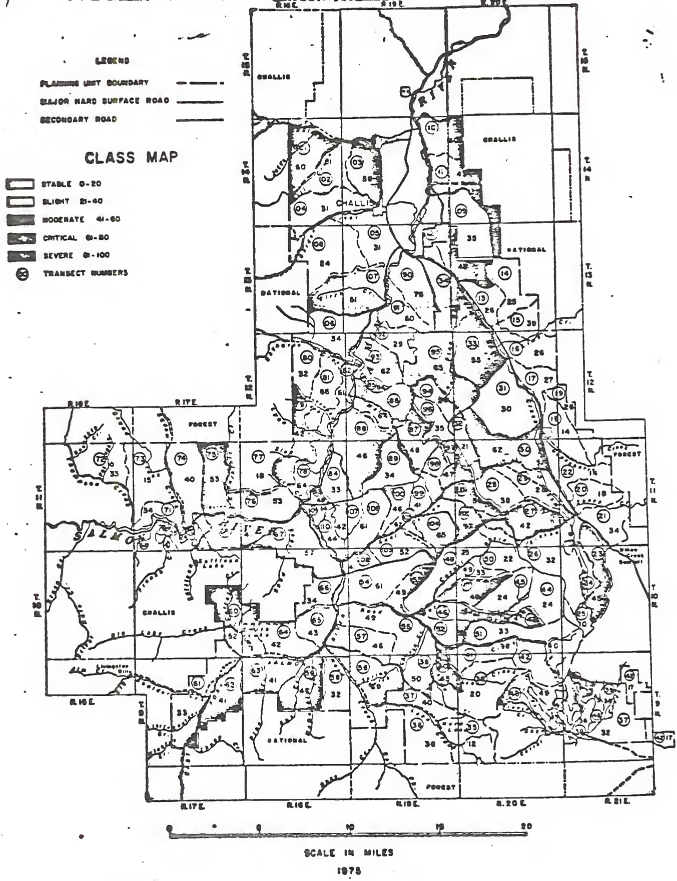
ANNOTATIONS: N/A

LEGEND: See sample overlay

REMARKS:

Table 3374

EROSION CONDITION



MAP 2-6 EROSION CONDITION OF CHALLIS UNIT.

R6-64-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/16/77

3380

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Stream Resources

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing type, number of miles, flow and location of stream resources in given areas

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office

USAGE:

Used in URA, E.S., and to analyze present and potential water for production of other resources

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES: As site inventory is completed

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

341

R6-65-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Stream Resources

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 300 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

#3380

SAN LUIS GRAZING ES AREA
SAN LUIS P.U.
CANON CITY DISTRICT
COLORADO

~~Output #I~~
~~4.1.5.3-2,1.1.5.1~~

STREAM RESOURCES

NAME	TYPE	MILES ON NRL	FLOW MAXIMUM Average PERIOD	FLOW MAXIMUM cfs	FLOW MINUMUM Average Period	FLOW MINUMUM cfs	AVERAGE cfs	LOCATION
Big Thompson	Perenniel	17	05-01 to 05-15	100,000	08-11- 08-29	250	3,000	T10N, R4E
Sandy Wash	Intermittent	2	05-15 to 05-25	20,000	06-01 - 07-15 09-10 - 09-31 10-30 - 11-15	0		T8N, R3E
Rio Puerco	Perenniel	4	06-08 to 06-15	1500	07-16 - 07-31	1000	1,200	T2N, R1E

R6-65-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/16/77

OUTPUT DESCRIPTION
Page 1 of 2

3382

OUTPUT TITLE: Other Surface Water Resources

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing information on types of surface water resources other than streams located in a given area.

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE:

Used in URA, ES, and to analyze present and potential water for production of other resources.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES:

As site inventory is completed.

REQUEST PARAMETERS:

District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

3382

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Other Surface Water Resources

SORT ORDER:

District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME:

200 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY:

N/A

SCALE:

N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

345

Table 3382
Other Surface Water Resources

R6-66-3

Name	Type	Location	Volume	Seasonal Reliability	Remarks
Headcut	Reservoir	T24NR2E Sec 21	2 Acre Feet	Summer, Fall	usually dry in spring [illegible] months
Conchas	Lakes	T43NR21 N	400,000 Acre Feet	Yearlong	10' cyclic drawdown

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/17/77

OUTPUT DESCRIPTION
Page 1 of 2

3384

OUTPUT TITLE: Type and Location of Surface Water Resources

OUTPUT FORM:
Overlay

OUTPUT DESCRIPTION: An overlay indicating types of water resources and showing location of streams, springs, and lakes in a given area.

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Resource Area Office
District Manager & Staff	District Office

USAGE:
Used in URA, ES, and to analyze present and potential water for production of other resources

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES:
As site inventory is completed.

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

347

OUTPUT DESCRIPTION
Page 2 of 2

3384

OUTPUT TITLE: Type and Location of Surface Water Resources

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 5000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Must fit base map

SCALE: Same as base map

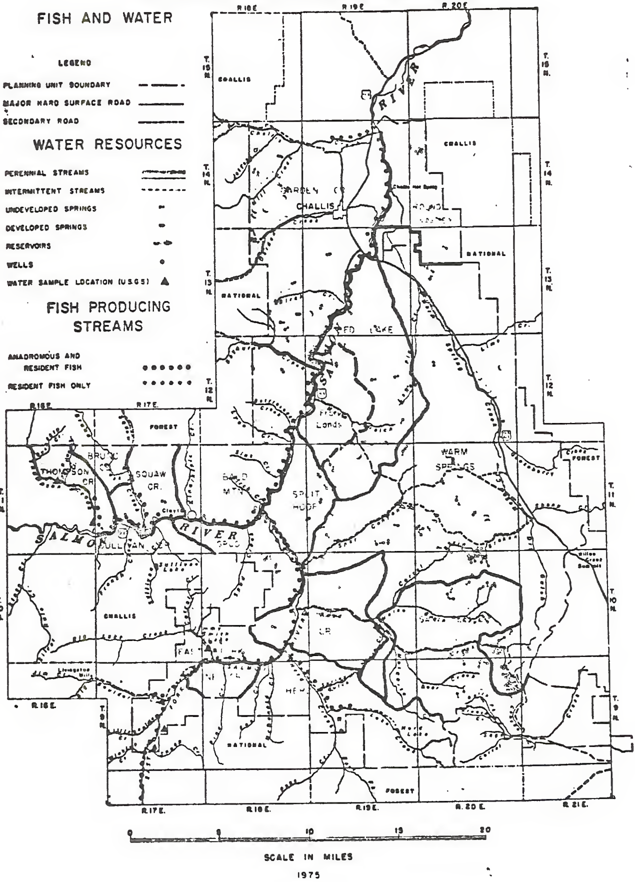
ANNOTATIONS: N/A

LEGEND: See sample overlay

REMARKS:

TABLE 3384

TYPE AND LOCATION OF SURFACE WATER RESOURCES



MAP 2-5 LOCATION OF STREAMS, SPRINGS, AND LAKES WITHIN CHALLIS UNIT.

349

R6-67-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/17/77

3386

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Runoff by Site Vegetation Subtype

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing runoff in acre feet by seasons by site vegetation sub-type.

USER(s):	Resource Area Manager & Staff District Managers & Staff	LOCATION(s):	Area Office District Office

USAGE: Used in URA, ES, and to analyze present and potential water for production of other resources

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES: As site inventory is completed

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

350

R6-68-1

OUTPUT DESCRIPTION
Page 2 of 2

3386
OUTPUT TITLE: Runoff by Site Vegetation Subtype

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

Table 3386

Run-Off By Site Vegetation Sub-Type

Site Vegetation Sub-Type	Acres Represented	Runoff-Acre Feet									
		Spring		Summer		Fall		Winter		Annual	
		Per Acres	Total	Per Acre	Total	Per Acre	Total	Per Acre	Total	Per Acre	Total

Note: Turn Info. 90°

1/ Data needed for this should be developed, as not available for all areas.

R6-68-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/17/77

3388

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Water Quality Properties

OUTPUT FORM:
Printout

OUTPUT DESCRIPTION: A table showing water quality properties gathered over periods of time at specific climatological stations in a given area

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area office
District Manager & Staff	District Office

USAGE:
Used in URA, ES, and to analyze present and potential water for production of other resources

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES: As site inventory is completed

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3388

OUTPUT TITLE: Water Quality Properties

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE:

N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

Table 3388
WATER QUALITY PROPERTIES

Date of Sample	Instantaneous Discharge (CFS)	Sulfate (SO_4) (Mg/L)	Alkalinity as ($CaCO_3$) (Mg/L)	Dissolved Nitrite plus Nitrate (N) (Mg/L)	Total Phosphorus (P) (Mg/L)	Dissolved Solids Sum of Constituents (Mg/L)	Dissolved Solids (Tons per Ac.-Ft.)	Dissolved Solids (Tons per Day)	Hardness (Ca,Mg) (Mg/L)	Non-Carbonate Hardness (Mg/L)	Specific Conductance (Micromhos)	pH Units	Temperature (Deg. C)	Fecal Coliform (Col. per 100 ml)	Fecal Streptococci KF Agar (Col. per 100 ml)	Carbon Dioxide (CO_2) (Mg/L)	Suspended Sediment (Mg/L)	Suspended Sediment Discharge (T/day)	Turbidity (JTU)	Dissolved Arsenic (As) (Ug/L)
Fed Stds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Stds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATION NAME : East Fork Salmon River Below Bowery Guard Station																				
STATION NUMBER: 13297400																				
LOCATION : NW/4 NW/4 NE/4 Sec. 19, T9N, R17E																				
5/27/71	316	9.0	-	0.04	.030	77	.10	63.2	36	0	122	8.2	5.5				10	15		
6/17/71	789	6.3	-	0.02	.010	31	.07	70.6	32	1	67	7.3	5.0				19	39		
9/2/71	60	13.0	-	0.01	.030	102	.16	16.4	72	2	173	7.0	12.0				0	.00		
5/30/72	450	-	-	-	-	-	-	-	-	-	-	-	8.2				34	93	0	
6/01/72	900	-	-	-	-	-	-	-	-	-	-	-	8.3				126	300	17	
6/03/72	780	-	-	-	-	-	-	-	-	-	-	-	4.3				132	252	22	
6/29/72	500	7.1	-	.01	.000	25	.07	74.3	43	4	92	8.0	11.3				<1	<.07	.3	0
7/25/72	125	11.0	-	.00	.010	73	.10	37.3	36	7	113	7.9	8.2							
10/4/72	29	11.0	78	.00	-	126	.17	23.0	87	0	200	7.8	7.0							
2/6/73	34	20.0	74	.02	.01	114	.16	20.7	81	7	196	7.9	3.0				6	.42	-	
2/23/73	240	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	
7/10/73	110	-	-	-	-	-	-	-	-	-	116	7.2	13.3				1	.94	2	
10/6/73	-	27.0	71	.01	.02	127	.16	20.3	79	0	196	8.2	9.0			8.9	-	-	-	
6/30/74	133	16.0	73	.03	-	109	.12	39.1	83	0	172	7.9	4.0			1.0				
8/5/74	157	12.0	49	.03	.00	77	.10	21.8	60	11	113	7.3	10.0	03	08	4.0				
2/24/75	83	10.0	75	.00	.01	113	.13	13.3	78	2	197	7.4	12.4	<1	<1	3.9				
STATION NAME : Salmon River Above East Fork																				
STATION NUMBER: 13297300																				
LOCATION : SW/4 NE/4 SW/4 Sec. 22, T11N, R18E																				
6/01/71	7590	8.0	-	0.01	0.12	65	.09	1330	33	0	72	7.2	6.0				49	1004		
6/23/71	7600	2.5	-	0.03	0.18	51	.07	1050	18	0	60	7.1	9.0				109	2236		
7/27/71	3170	2.0	-	0.00	0.040	37	.08	400	37	0	76	8.0	11.0				3	23		
9/01/71	1180	3.3	-	0.01	0.040	83	.12	271	54	0	130	8.6	13.0				5	12		
10/8/71	1070	7.8	-	0.02	0.050	98	.13	283	74	0	160	7.4	4.3				2	0.50	-	
6/19/72	6560	5.4	-	0.13	0.050	49	.07	868	20	1	42	7.2	8.2				70	1310	8	
7/25/72	1950	5.5	-	0.00	0.010	69	.09	363	44	0	103	7.4	10.0				0	42	2	
10/4/72	983	2.0	62	0.00	-	91	.13	343	61	0	130	7.7	7.0				6	16	-	0
3/1/73	1030	3.6	53	0.01	.01	77	.20	216	50	0	119	7.0	0.5				10	20	1	1
4/7/73	2150	6.1	36	0.00	.01	56	.08	325	33	0	77	7.9	12.0				7	41	-	0

1/ Source: U. S. Geological Survey

R6-69-3

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/17/77

3390

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Water Quality and Production of Water Resources

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing water quality and quantity in a given area

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE:

Used in URA, E.S. and to analyze present and potential water for production of other resources

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES:

As site inventory is completed.

REQUEST PARAMETERS: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

OUTPUT DESCRIPTION
Page 2 of 2

3390

OUTPUT TITLE: Water Quality and Production of Water Resources

SORT ORDER: District, Resource Area, Planning Unit, WH&B Area, ES Area, Allotment

ESTIMATED VOLUME: 2000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

R6-70-2

Output #1 ~~4.2.2.2.4.7~~ 4[illegible] REPORT LAYOUT FORM 1480 Output I

6 LINES PER INCH

#3390 March-1969

PROGRAM — RESOURCE INVENTORY —

DATE —

PAGE

WATER QUALITY & PRODUCTION
OF WATER SOURCES

STATE —
DISTRICT —
RESOURCE AREA —
PLANNING UNIT —
[illegible] —
[illegible] —
WATER [illegible] NAME
[illegible]

WATER QUALITY

Al	As	Ba	Cd	Cr	Fl	Ld	Hg	NITRATES	NITRITES	SP	SO4T	COl	TURBIDITY	PH	[illegible]	[illegible]	SANITARY	ORGANIC COMPOUNDS
mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	[illegible]	mg/l	mg/l	mg/l	mg/l						

WATER RATING (EXCELLENT GOOD FAIR POOR UNUSABLE)

WATER QUANTITY

PRODUCTION		STORAGE CAPACITY	Avg. WATER		[illegible] DEMAND		WATER DEPTH
GAL/MIN	AC/FT	GALLONS	Gal.	Dates	Gal.	Dates	
			XX	06/1-10/15	XX	06/1-10/15	

R6-70-3

358

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/17/77

OUTPUT DESCRIPTION
Page 1 of 2

3400

OUTPUT TITLE: Ground Water Resources

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing information on ground water resources in a given area.

USER(s):
Resource Area Manager & Staff
District Manager & Staff

LOCATION(s):
Area Office
District Office

USAGE:
Used in URA, ES, and to analyze present and potential water for production of other resources.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:
Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES:
As site inventory is completed.

REQUEST PARAMETERS:
District, Resource Area, Planning Unit, WH&B Area, ES area, Allotment

359

R6-71-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Ground Water Resources

SORT ORDER: District, Resource Area, Planning Unit, WH&B area, ES Area, Allotment

ESTIMATED VOLUME: 5000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

TABLE 3400

Ground Water Resources

Name of Aquifer	Depth	(gpm) Volume Production		
		Confined Aquifer	Unconfined Aquifer	

R6-71-3

Prog. Area: 0134 - AMP
Prep. By: JC/NW
Date: 8/17/77

3402

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Chemical Analysis of Water from Wells

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing a chemical analysis of water from selected wells in a given area.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s): Area Office; District Office.

USAGE: Used in URA, ES and to analyze present and potential water for production of other resources.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES: As site inventory is completed.

REQUEST PARAMETERS: District; Resource Area; Planning Unit; WH & B Area; ES Area; Allotment.

R6-72-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Chemical Analysis of Water from Wells

SORT ORDER: Same as Requrest Parameters.

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

R6-72-3

Table 3402

CHEMICAL ANALYSIS OF WATER FROM WELLS

[Concentrations of dissolved constituents, dissolved solids, and hardness in parts per million]

No.	Well	Date of collection	Depth of well (feet)	Temperature (° F)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)[1]	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B)	Dissolved solids[2]	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	Specific conductance (micromhos/cm at 25° C)	pH
1	(C-12-6) 9baa-1	8- 2-63	272	64	41	------	68	27	80	------	194	0	36	182	------	0.7	0.04	530	280	121	38	2.1	0	964	7.2
2	(C-13-6) 26bac-1	8-23-61	175	60	61	0.00	134	118	424	------	238	0	547	675	------	6.9	------	2,090	800	606	54	6.6	0	3,250	7.7
3	(C-14-3) 36ccc-3	3-23-59	250	----	32	------	126	94	250	------	246	0	250	555	------	2.3	------	1,430	702	501	44	4.1	0	2,460	7.5
4	(C-14-7) 20ccc-1	4-25-63	194	62	23	------	82	51	322	------	90	0	268	540	------	2.1	------	1,330	415	341	63	6.9	0	2,340	7.0
5	(C-14-6) 25ccc-1	4-26-63	340	50	17	------	64	36	324	------	66	0	283	450	------	2.7	------	1,200	260	226	72	8.4	0	2,100	8.8
6	(C-15-4) 6cba-1 [3]	6- 2-61	203	66	28	.01	260	114	[4] 176	6.6	306	0	369	606	0.0	4.4	.20	1,720	1,120	865	25	2.3	0	2,840	7.6
7	11add-1	10- 8-63	485	----	19	------	164	66	105	------	236	0	249	320	------	5.1	.08	1,040	680	488	25	1.7	0	1,700	7.4
8	18daa-1	6-23-58	406	63	28	------	134	66	78	------	224	0	144	308	------	11	------	878	614	430	21	1.3	0	1,540	7.7
9	26dca-1	9- 1-61	640	60	16	.00	97	28	21	------	194	0	78	91	------	[illegible]	------	459	344	149	12	.8	0	775	7.7
10	(C-15-8) 13bba-1	6-23-44	610	[illegible]	[illegible]	------	[illegible]	41	57	------	[illegible]	0	58	164	------	.8	------	536	334	146	30	1.6	0	951	7.7
11	20baa-1	11- 4-58	860	----	26	------	34	19	26	------	176	0	26	31	------	2.3	------	252	163	17	25	.9	0	411	7.9
12	29dda-1	9-26-61	132	----	29	.02	43	26	68	------	246	0	57	56	------	.9	------	391	215	13	37	1.7	0	634	7.8
13	33dcb-1	8-21-62	825	71	26	.00	31	20	[4] 42	2.3	162	0	56	62	.3	3.1	.07	308	161	36	36	1.4	0	513	7.6
14	(C-15-6) 19cac-1	8-23-61	235	59	29	.00	30	22	98	------	202	0	62	105	------	.3	------	445	106	0	56	3.3	0	762	7.6
15	(C-15-7) 36cbb-1	9-27-61	420	60	38	.00	30	10	62	------	160	Trace	56	68	------	.4	------	330	128	0	51	2.4	0	524	8.2
16	(C-15-8) 29ccc-1	8- 7-63	----	53	19	------	8.0	1.9	183	------	217	0	100	102	------	.5	------	521	28	0	93	15	3.00	875	7.7
17	(C-16-4) 18bda-1	8- 1-61	375	62	40	.00	103	45	69	------	212	0	129	227	------	6.9	------	[5] 849	442	268	30	1.8	0	1,260	7.7
18	30ddb-1	3-28-63	637	66	18	------	113	46	99	------	279	0	159	174	------	56	------	802	470	241	31	2.0	0	1,330	7.5
19	(C-16-5) 16caa-1	7- 8-61	935	68	29	.00	32	14	22	------	178	0	10	20	------	2.6	.28	[5] 209	138	0	26	.8	.17	347	7.7
20	19cbd-1	8-19-62	823	67	24	------	24	17	19	------	168	0	11	22	------	.1	------	195	130	0	24	.7	0	330	7.4
21	(C-16-6) 34bad-2	9-24-62	377	----	29	------	22	16	19	------	168	0	7.4	17	.3	.3	------	196	130	0	24	.7	.17	[illegible]	7.2
22	(C-16-7) 10bad-1	11-14-62	919	64	23	------	17	6.3	68	------	142	0	41	89	.6	.6	------	265	69	0	68	3.5	.94	454	7.8
23	10bbb-2	11-14-62	350	----	13	------	23	8.7	61	------	126	0	38	46	.4	.4	------	242	98	0	63	2.2	.10	421	7.6
24	24bca-1	8-28-62	855	75	27	------	16	8.0	67	------	149	0	38	40	------	.0	------	269	73	0	67	3.4	.94	439	7.9
25	(C-16-8) 12ddd-2	6-22-62	954	60	32	------	11	1.9	119	------	210	0	39	67	------	.0	------	363	35	0	88	8.7	2.74	601	7.9
26	21cbb-1	6-28-62	658	66	26	------	6.4	1.9	146	------	261	0	40	65	------	.1	------	407	24	0	93	13	3.64	665	8.0
27	26bdb-2	4-23-63	844	79	29	------	10	6.8	206	------	242	0	77	158	------	1.1	------	607	54	0	89	12	2.91	1,050	7.8
28	(C-17-6) 17aaa-1	8- 3-63	840	82	29	------	16	9.2	61	------	141	0	22	33	------	1.4	.08	230	76	0	69	2.6	.90	379	7.3
29	26daa-3	6-20-62	720	76	42	------	22	12	80	------	263	0	27	82	------	.1	------	339	107	0	62	3.4	2.08	543	7.8
30	26acb-1	8- 8-63	895	77	30	------	8.0	4.4	76	------	183	0	16	24	------	.4	.07	248	38	0	81	5.3	2.24	404	7.5
31	(C-17-7) 1ddd-4	8-20-63	665	80	13	------	17	7.1	76	------	166	0	44	43	------	.5	------	277	72	0	69	3.8	1.12	456	8.0
32	34cdd-2 [6]	6- 2-61	598	----	27	.01	3.2	4.9	[4] 174	.7	394	12	19	28	3.0	1.5	.66	468	28	0	93	14	6.30	725	9.6
33	(C-17-8) 13cdd-1	12- 4-57	150	58	27	------	3.6	.4	201	------	401	16	32	43	------	.2	------	619	11	0	97	26	6.58	640	8.8
34	(C-18-6) 8cbb-1	8-21-61	260	63	26	.02	16	4.4	76	------	224	0	15	20	------	.8	------	269	62	0	73	4.2	2.41	440	7.8
35	(C-18-7) 8aaa-2	4-18-55	320	----	28	------	7.0	4.8	194	------	362	16	26	71	------	.1	------	526	37	0	92	14	5.63	870	8.5
36	(C-18-8) 24ada-2	8-21-61	801	78	36	.22	22	16	701	------	288	0	387	850	------	2.7	------	2,250	120	0	93	31	2.31	3,820	8.0

[1] Sodium (Na) and potassium (K) reported as sodium except as noted.
[2] Dissolved solids calculated from determined constituents except as noted.
[3] Contains 0.16 ppm manganese (Mn).
[4] Sodium (Na) and potassium (K) determined separately.
[5] Residue on evaporation at 180° C.
[6] Contains 0.00 ppm manganese (Mn).

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/17/77

3404

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Aquifers and Water Level Contours

OUTPUT FORM: Overlay

OUTPUT DESCRIPTION: An overlay showing aquifers and water level contours in a given area.

USER(s): Resource Area Mgr. & Staff; District Mgr. & Staff. LOCATION(s): Area Office; District Office.

USAGE: Used in URA, ES, and to analyze present and potential water for production of other resources.

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10th of BLM annually or as requested. Repeat every 10 years.

DEPENDENCIES: As site inventory is completed.

REQUEST PARAMETERS: District; Resource Area; Planning Unit; WH & B area; ES Area; Allotment.

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Aquifers and Water Level Contours

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 5,000 pages annually.

COMPUTATIONS/PROCESSES: None

ACCURACY: Must fit base map

SCALE: Same as base map

ANNOTATIONS: See legend in sample overlay.

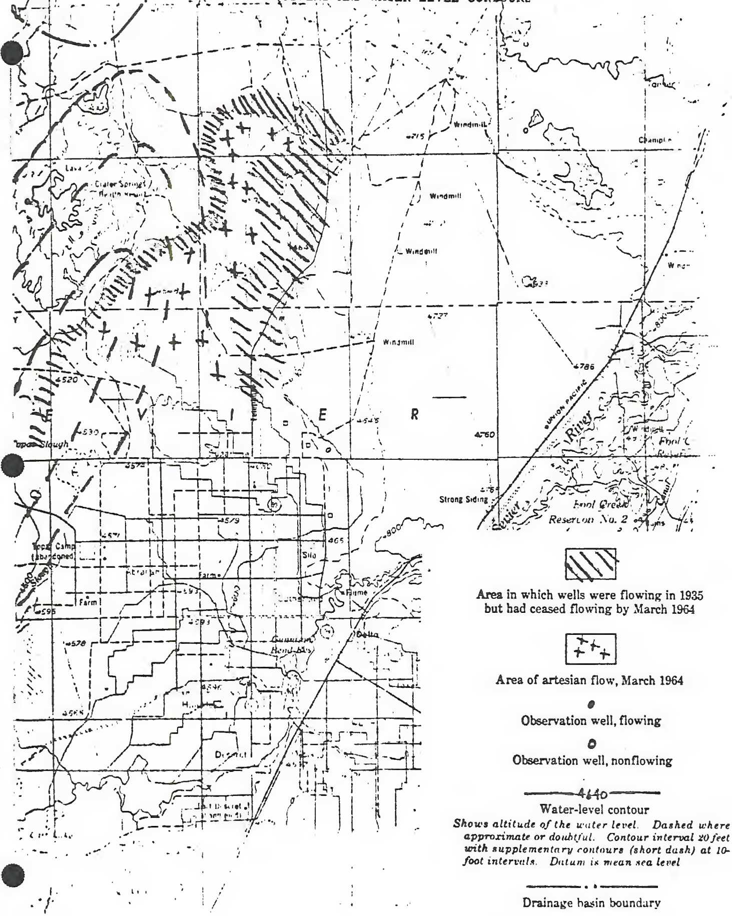
LEGEND: See sample overlay.

REMARKS:

#3404.

TABLE 3404

AQUIFERS AND WATER LEVEL CONTOURS


Lava
Crater Springs Health Resort
Windmill
4715
Windmill
Windmill
Windmill
Champlin
4727
4786
4520
4530
Topaz Slough
S E V I E R
4545
4760
UNION PACIFIC
River
Fool Creek Reservoir No. 2
Strong Siding
4570
4579
4571
465
4800
Topaz Camp (abandoned)
Silo
Abraham
Farm
Flume
4593
4595
Farm
4593
4576
Gunnison Bend Res.
Delta
4596
4565
District
Area in which wells were flowing in 1935 but had ceased flowing by March 1964
Area of artesian flow, March 1964
Observation well, flowing
Observation well, nonflowing
4440
Water-level contour
Shows altitude of the water level. Dashed where approximate or doubtful. Contour interval 20 feet with supplementary contours (short dash) at 10-foot intervals. Datum is mean sea level
Drainage basin boundary

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/ /77

3410

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Summary of Well Site Investigations

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A list of well site investigations of individual wells, showing the legal description, estimated drilling depth, and for wells drilled, the year, success. and actual depth.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s): Area Office
District Office
State Office

USAGE: Used in determining the type of water developments to be implemented for proper range management.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Annually for 1/10th of BLM land area, or as requested.

DEPENDENCIES: As URA is prepared and AMPs written.

REQUEST PARAMETERS: Dist; RA; WH & B: PU; Allotment.

OUTPUT TITLE: Summary of Well Site Investigations.

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 200 pages annually.

COMPUTATIONS/PROCESSES: None

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

TABLE 3410

SUMMARY OF WELL SITE INVESTIGATION

Site No. Id-1-	Location			Estimated Drilling Depth (ft)	Year Drilled	Results		
						Successful		Total Depth
	Section	T(S)	R(E)			Yes	No	
			1955					
1	NE¼-35	4	9	≤ 300				
2	NE¼-9	16	8	100-300				
3	NE¼-19	12	8	700-800	1960		X	850
4	SW¼-35	13	9	600-800	1956	X		687
5	NW¼-4	12	11	400-600	1958		X	~~750~~ 958
6	NW¼-19	12	11	500-600				
7	SW¼-13	1(N)	2(W)	≤ 100				
8	SW¼-31	1(N)	3(W)	≤ 25				
9	NE¼NE¼-9	1	3(W)	≤ 100				
10	SE¼-5	2	2(W)	400-500				
			1956					
11	SW¼-28	11	13	550-600				
12	NE¼-6	13	13	575-600				
13	SE¼-7	13	13	600-625				
14	SE¼-20	13	14	400. -450				
15	SW¼-20	14	14	-				
16	SE¼-2	15	6	-				
17	SW¼-7	11	6	-				
			1958					
18	SE¼-20	3	2(W)	≤ 400	1958	X		350 *
19	-4 or 5	14	14	≤ 300				
20	SE¼-32	8	11	100-150	1959	X		290 *
21	NW¼-11	15	6	675-800	1959		X	873
22	SE¼-13	14	7	350-900				
23	SW¼-14	13	8	600-800				
24	SW¼-13	13	8	600-800				
25	SW¼-21	15	9	600-800	1959	X		800 *
26	SW¼-21	15	10	700-900				
27	SE¼-9	12	10	50-450	1963		X	850 *
28	NE¼-19	13	11	50-400	1963	X		560 *
29	NE¼-1	15	12	400-600				
30	NE¼-20	13	13	400-500				
31	NW¼-1	14	13	100-300				
32	NW¼-26	8	8	300-500				
33	SE¼-2	10	10	400-600				
34	SW¼-6	8	10	200-300				
35	SE¼-22	7	11	400-500				
36	NW¼-1	8	11	400-600				
37	SE¼-20	8	12	800-1,000				
38	NE¼-12	6	10	500-600				

* Locations of site examined and well drilled are not the same

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 8/15/77

3412

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Well Site Investigation Locations

OUTPUT FORM: Map overlay.

OUTPUT DESCRIPTION: Overlay showing point location by number of well sites that have been investigated.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s): Area Office; District Office.

USAGE: Used with Output #3410 in determining the type of water necessary to develop.

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Annually for 1/10th of BLM land area or as requested.

DEPENDENCIES: As URA is prepared or as AMPs written.

REQUEST PARAMETERS: Dist; RA; WH & B Area; PU; Allotment.

371

R6-75-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Well Site Investigation Locations

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 1,000 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: Must fit base map.

SCALE: Same as base.

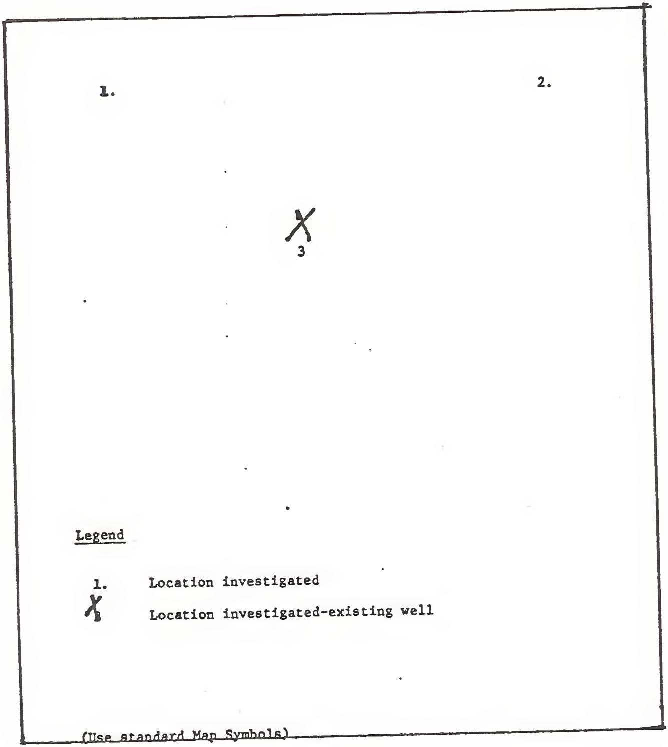
ANNOTATIONS: NA

LEGEND: See overlay.

REMARKS:

TABLE 3412

WELL SITE INVESTIGATION LOCATIONS



(Use standard Map Symbols)

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/15/77

3420 a, b

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Ecological/Floristic Plant Species List

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A list of plants with detailed characteristics and data for existing plants in a given area.

USER(s): Resource Area Manager & Staff; District Manager and Staff.

LOCATION(s):

USAGE: Used in developing proper use tables, plant identification, and SIM.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially on 1/10 of BLM land area. Repeat every 10 years or as requested.

DEPENDENCIES: When Site Inventory is conducted.

REQUEST PARAMETERS: Dist; RA; WH & B Area; PU.

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Ecological/Floristic Plant Species List

SORT ORDER: Same as Request Parameters

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

#3420a 4112 Calif #41

PROGRAM

DATE

REPORT DATE 76/OCT/14

UNITED STATES DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

PAGE 001

ECOLOGICAL FLORISTIC PLANT SPECIES REPORT

LOCATION ST. ... ARIZONA ... DIST. PHOENIX ... Further breakdown of location may be by county, Resource area, Planning Unit, Allotment, watershed or USGS quad or other including location by TOWNSHIP 18 1/2N RANGE 12 1/2W SECTION 36 SW1/4 SW1/4 ~~[illegible]~~ LAT 30°22'12' LONG 110°12'30"

FAMILY- POACEAE

L L S G O S P P PS POISON ANI S S S S P P VEG ~~ASSOCIATED SPECIES~~

~~PLANT~~

~~SYMBOL GENUS~~ ~~SPECIES~~ ~~SUB-SP/VARIETY F C O A C V S A TX PERIOD~~ AFF S C P T C P STP

PLANT L L S G O S P P PS POISON ANI S S S S P P VEG

SYMBOL GENUS SPECIES SUB-SPECIES/VARIETY F C O H C V S A TX PERIOD AFF S C P T C P STP ASSOCIATED SPECIES

BRTE : BROMUS : TECTORUM :

ELEV SL EX SOIL TYPE PPT

No species ... : SYNONYMS: Space here for 3 Synonyms

Common Names Space here for 3-5 Common Names

Key for abbreviations above

LF = Life Form
LC = Life Cycle
SO = Species Origin
GH = General Habitat
OC = Occurrence
SV = Special Value
PS = Poisonous Species
PA = Poisonous species action
PS TX = Poisononous species toxin
ANI AFF = Animals Affected
SS = Unique Species Status
SC = Unique Species Condition
SP = Unique Species Population
ST = Unique Species Threat
PC = Plant Collected
PP = Plant Photographed
VEG STP = Vegetative Sub-type

ELEV = Elevation
SL = Slope
EX = Exposure
PPT = Precipitation

Species list may be requested by any geographic location

R6-76-3

#3420b

PROGRAM

REPORT DATE 76/OCT/14

UNITED STATES DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

ECOLOGICAL/FLORISTIC PLANT SPECIES REPORT
~~RANDOM SAMPLING REPORT~~

PAGE 1

LOCATION - TOWNSHIP- 12S RANGE- 94W SECTION- 15

FAMILY - [illegible] GENUS - AGROPYRON

PLANT SYMBOL	SCIENTI. NAME GENUS SPECIES	SUB-SPECIES /VARIETY	LIFE FORM	LIFE CYCLE	SPECIES ORIGIN	GENERAL HABITAT	SPECIFIC HABITAT	OCCURRENCE	SPECIAL VALUE
	AGROPYRON								
AGCAM	CANINUM	MAJUS	GRASS	PEREN.	NATIVE	TERRES.	?	ABUND.	MEDIC.
AGRI	RIPACIUM		GRASS	BIEN.	INTRO.	AQUATIC		COMMON	HORTI.
AGSUA	SUBSECUNDUM	ANDINUM	GRASS	ANNUAL	NATLZD.	RIPAR.		RARE	RELIG.

L
E

P
R

FAMILY ~~GENUS~~

M.

PLANT SYMBOL GENUS SPECIES SUB-SP VARITY L F L C S O C H O C B U P S P A PS TX POISON PERIOD A A S S S Q S P S T P C P P VEG STP ASSOCIATED SPECIES ELEV

u u u u

③

SL E X SOIL TYPE PP T SYNONYMS: COMMON

1 2 3 4 5

1 2 3

✓ Code LF = Life Form

R6-76-4

3422

Prog. Area: 0134-AMP
Prep. By: JC/NW
Date: 9-13-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Detailed Plant Species List

OUTPUT FORM: A form giving

OUTPUT DESCRIPTION: A form showing the scientific and common name of plant species, the variety and synonyms.

USER(s): District Manager and Staff
Resource Area Manager and Staff

LOCATION(s): Area Office
District Office
State OFfice

USAGE: Used in site inventory , in plant identification, developing, PUFs, etc.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially on 1/10 of BLM land area each year. Repeat every 10 years or as requested.

DEPENDENCIES: When site inventory is conducted

REQUEST PARAMETERS: District, RA, ES Area, WH&B Area, P.U.

3422

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Detailed Plant Species List

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 200 pages

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

3422

BUREAU OF LAND MANAGEMENT
DSC-1265-100
March-1969

REPORT LAYOUT FORM

6 LINES PER INCH

PROGRAM ______ PAGE ______ DATE 10/1/76

UNITED STATES DEPT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MRA UPDATE

DETAILED PLANT SPECIES LIST

LOCATION: ST: UTAH DISTRICT: CEDAR CITY: PLANNING UNIT: HURRICANE

PLT SYM	GENUS	SPECIES	SUBSPECIES/VARIETY	SYNONYMS	COMMON NAME(S)
PHCOA	PHACELIA	CORRUGATA	ANGUSTIFOLIA	EUTOCA CORRUGATA	SCORPION WEED
ASLEU15	ASTRAGALUS	LENTIGINOSUS	URSINUS	PHACA URSINUS	LOCO WEED
				(up to 5 for each species/subspecies)	(up to 5 for each species/subspecies)

FOOTNOTES:
THIS INFORMATION MAY BE CALLED FOR BY ANY ONE OR A COMBINATION OF THE FOLLOWING ELEMENTS: STATE, COUNTY, DISTRICT, RESOURCE AREA, PLANNING UNIT, ALLOTMENT, WATERSHED AREA, WILDLIFE AREA, TOWNSHIP, RANGE, QUARTER SECTION, LATITUDE, LONGITUDE .... (AS IN 4.1.1.2.2.2.1) A-12 listing

R6-77-3

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/15/77

3424

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Plant Species Basic Data Inventory Report

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving detailed information and plant species.

USER(s): Resource Area Manager & Staff; District Manager & Staff

LOCATION(s):
Area Office
District Office
State Office

USAGE: Used in analyzing resource values of vegetation species.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially on 1/10th of BLM land area. [illegible] Repeat every 10 years or as requested.

DEPENDENCIES: When site inventory is conducted.

REQUEST PARAMETERS: Dist; RA; WH & B Area; PU.

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Plant Species Basic Data Inventory Report

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 200 pages.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

REPORT DEFINITION for
#3424
SYSTEM

PREPARED BY
DATE PAGE OF
PRODUCT CONTROL NUM.

SYMBOL IDENTIFICATION

- 9 • ALWAYS APPEARS AS NUMERIC
- X ALWAYS APPEARS AS ALPHA NUMERIC
- Z ZERO SUPPRESS A NUMERIC FIELD
- • LEADING • DENOTES DOLLAR PROTECT A NUMERIC FIELD
- B EMBEDDED BLANK IN A NAME FIELD
- $ FLOATING DOLLAR SIGN IF SUBSTITUTED FOR Z

DO YOU WANT THE SIGN OF THE FIELD PRINTED?		
SHOW THIS SYMBOL ON THE FORM	TO PRINT THE FOLLOWING	
	IF FIELD IS +	IF FIELD IS −
	SPACE	−
+	+	−
CR	SPACES	CR
DB	SPACES	DR

I REPORT LAYOUT

REPORT SEQUENCE → LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4 LEVEL 5

```
         10        20        30        40        50        60        70        80        90        100       10
 1      REPORT DATE                          UNITED STATES DEPARTMENT OF THE INTERIOR                      PAGE NO
 2     TABLE # - 3424              PCN              BUREAU OF LAND MANAGEMENT
 3                                             PLANT SPECIES BASIC DATA INVENTORY REPORT
 4
 5                LOCATION                                                    LEGAL DISCRIPTION
 6 STATE     - XX  RESOURCE AREA - XX  WATERSHED AREA - XXX    (TOWNSHIP, RANGE, SECTION, QUARTER-QUARTER SECTION)
 7 COUNTY    - XX  PLANNING UNIT - XX  WILDLIFE AREA  - XXX
 8 DISTRICT  - XX  ALLOTMENT    - XXXX OTHER AREA     - XXX         XXXA      XXXA     99       XX        XX
 9
10 FAMILY NAME      PLANT SYMBOL        GENUS                SPECIES           SUB-SPECIES                VARIETY
11
12 X---------X     X---X      X------------X   X-------------X   X---------------X   X
13
14 SYNONYMS - X------------------------X, X----------------X, X-------------X
15
16 COMMON NAMES - X-------------------X, X---------------X, X--------X, X-------------X, X--------
17                                         KIND
                                            OF
18 PHENOLOGY OBSERV. SPEC. LIFE LIFE  GEN  OCCUR SPEC. COLLECT PHOTO  VEG        ASSOC.         ELEV  SLOPE  EXP.  SOIL  ANI
19   STAGE    DATE   ORIG  FORM CYCL  HAB        VALU     ?       ?   SUB-TYP    SPECIES                           TYP   PR
20
21  XXXXXX   99999   XXXX  XXXX XXXX  XXX  XXX   XXXX,   XXX     XXX  XXX    XXXXX XXXXX XXXXX  XXXX  XXX%   XXX   XXX   XX
22
23
24
25
```

R6-78-3

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/16/77

3426 a, b, c, d

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Unique Plant Species Inventory

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving detailed information on threatened, endangered and other unique plant species.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s):
Area Office
District Office
State Office

USAGE: Used for management of unique species.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially on 1/10 of BLM land acreage.

DEPENDENCIES: When URA-Site Inventory prepared.

REQUEST PARAMETERS: Dist; RA; WH & B; PU.

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Unique Plant Species Inventory

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 100 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

REPORT DEFINITION for

#3426a

_______________ SYSTEM

PREPARED BY ______________

DATE ________ PAGE ____ OF ____

PRODUCT CONTROL NUM. ______________

SYMBOL IDENTIFICATION

9 - ALWAYS APPEARS AS NUMERIC
X - ALWAYS APPEARS AS ALPHA NUMERIC
Z ZERO SUPPRESS A NUMERIC FIELD
* LEADING * DENOTES DOLLAR PROTECT A NUMERIC FIELD
b EMBEDDED BLANK IN A NAME FIELD
$ FLOATING DOLLAR SIGN IF SUBSTITUTED FOR Z

DO YOU WANT THE SIGN OF THE FIELD PRINTED?

SHOW THIS SYMBOL ON THE FORM	TO PRINT THE FOLLOWING IF FIELD IS +	IF FIELD IS −
	SPACE	−
+	+	−
CR	SPACES	CR
DB	SPACES	DB

I REPORT LAYOUT

REPORT SEQUENCE ➔ LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4 LEVEL 5

```
           10        20        30        40        50        60        70        80        90       100        10       120
 1     REPORT DATE                              UNITED STATES DEPARTMENT OF THE INTERIOR                          PAGE NO
 2                              PCN                     BUREAU OF LAND MANAGEMENT
 3                                              UNIQUE PLANT SPECIES INVENTORY REPORT
 4                    LOCATION                                                          LEGAL DESCRIPTION
 5 STATE ---- XX  RESOURCE AREA - XX   WATERSHED AREA  - XXX     (TOWNSHIP, RANGE, SECTION, QUARTER-QUARTER SECTION)
 6 COUNTY --- XX  PLANNING UNIT - XX   WILDLIFE AREA   - XXX        XXXA    XXXA     99        XX    XX
 7 DISTRICT - XX  ALLOTMENT    - XXXX  OTHER AREA      - XXX
 8
 9 FAMILY NAME       PLANT SYMBOL        GENUS               SPECIES            SUB-SPECIES              VARIETY
10
11 XXXXXXXXXXXXXXX      XXXXX    XXXXXXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX
12
13 SYNONYMS                PHENOLOGY STAGE OBSERVATION   SPECIES                     UNIQUE SPECIES DATA
14                                            DATE        ORIG.
15 XXXXXXXXXXXXXXXXXXXX     XXXXXXXXXXX      99999        XXXXX               STATUS   CONDITION  POP. SIZE THREATS  COLLECT
16 X-------------X                                                                                                    PHOTO?
17 X---------------X       LIFE-FORM  LIFE-CYCLE  GEN-HABITAT OCCURRENCE     XXXXXXXX    XXXX       XXX      XXXXX     XXX
18 X----------X
19 X------------------X     XXXXXX     XXXXX       XXXXX         XXXXX         VEG.     ASSOCIATED  ELEVATION SLOPE      EPOS
20                                                                           SUB-TYPE     SPECIES
21 COMMON NAMES            SPEC. VALUE POISON  POISON  POISON                  XXX       XXXXXX       XXXX     99.9%     XXX
22                                            ACTION  TOXIN                             X----X
23 X------------------X      XXXX       XXX     XXX    XXXXX                             X----X
24 X---------X                                                                                      SOIL TYPE    ANN. PRECIP.
25 X-------------X         PERIOD OF TOXICITY  AFFECTED BY POISON
26 X------X                  FROM     TO                                                              XXX            XXXX
27 X------------------X     99999     99999        XXXXXXX
28
29
30
31
           10        20        30        40        50        60        70        80        90       100       110       120
```

GPO 890-861

R6-79-3

REPORT DEFINITION for
#3926B

SYSTEM

PREPARED BY
DATE PAGE OF
PRODUCT CONTROL NUM

SYMBOL IDENTIFICATION
9 - ALWAYS APPEARS AS NUMERIC
X - ALWAYS APPEARS AS ALPHA NUMERIC
Z ZERO SUPPRESS A NUMERIC FIELD
● LEADING ● DENOTES DOLLAR PROTECT A NUMERIC FIELD
B IMBEDDED BLANK IN A NAME FIELD
$ FLOATING DOLLAR SIGN IF SUBSTITUTED FOR Z

DO YOU WANT THE SIGN OF THE FIELD PRINTED?		
SHOW THIS SYMBOL ON THE FORM	TO PRINT THE FOLLOWING IF FIELD IS +	IF FIELD IS −
	SPACE	−
−	+	−
CR	SPACES	CR
DB	SPACES	DB

I REPORT LAYOUT

REPORT SEQUENCE → LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4 LEVEL 5

```
    REPORT DATE                               UNITED STATES DEPARTMENT OF THE INTERIOR                         PAGE NO
                              PCN                    BUREAU OF LAND MANAGEMENT
                                                      UNIQUE PLANT INVENTORY

TATE  CNTY DIST RSRC  PLN/  ALOT WTRSHD WHDLFE   ---LEGAL DESCRIPTION---
                AREA  UNIT         AREA  AREA    TWN  RNG  SEC ALQ-PT LOT
 05    14   06   22    12   1134   123           012N 096W 01  NE SW

FAMILY - ASTERACEAE
  GENUS - ERIGERON

  SPECIES                      PLANT POISON SPCS    STCS   SPCS  SPCS   VEG    ASSOC      SYNONYMS              COMMON N
         SUB-SPECIES/VARIETY    SYM   SPCS  COND   STATUS THREAT  HAP  SUB-TYP SPEC

  ERIGERON
         ERIOPHYLLUS           EREF2  NO            END   INSLET 640ACR DIS-SHR ARTR
                                                                                DUTR
                                                                                ARCA
         KUSCHEI               ERKU3  NO            END          640ACR DIS-SHR ARFE
                                                                                JUSC

         RELIGIOSUS
```

R6-79-4

387

REPORT DEFINITION for
#3426C
SYSTEM

PREPARED BY
DATE PAGE OF
PRODUCT CONTROL NUM

SYMBOL IDENTIFICATION

9 - ALWAYS APPEARS AS NUMERIC
X - ALWAYS APPEARS AS ALPHA NUMERIC
Z ZERO SUPPRESS A NUMERIC FIELD
* LEADING * DENOTES DOLLAR PROTECT A NUMERIC FIELD
B EMBEDDED BLANK IN A NAME FIELD
$ FLOATING DOLLAR SIGN IF SUBSTITUTED FOR Z

DO YOU WANT THE SIGN OF THE FIELD PRINTED?

SHOW THIS SYMBOL ON THE FORM	TO PRINT THE FOLLOWING IF FIELD IS +	IF FIELD IS −
	SPACE	−
±	+	−
CR	SPACES	CR
DB	SPACES	DB

I REPORT LAYOUT

REPORT SEQUENCE → LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4 LEVEL 5

```
    REPORT DATE                              UNITED STATES DEPARTMENT OF THE INTERIOR                         PAGE NO
                             PCN                     BUREAU OF LAND MANAGEMENT
                                                      UNIQUE PLANT INVENTORY
    LOCATION

STATE -   99 - XXXXXXXXXX     RESOURCE AREA - XX      WATERSHED AREA - XXX   LAND DESCRIPTION- TWN  RGE  SEC ALQ-PT LOT
COUNTY-   99 - XXXXXXXXX      PLANNING UNIT - XX      WILDLIFE AREA  - XXX                     999X 999X 99 XX XX    99
DISTRICT- 99 - XXXXXXX        ALLOTMENT     - XXXX

  FAMILY - XXXXXXXXXX           PLANT POISON SPCS    SPCS   SPCS   SPCS  VEG    ASSOC SYNONYMS                 COMMON NAMES
   GENUS - XXXXXXXXXXXXXX       SYM    SPCS  COND   STATUS THREAT  POP  SUB TYP  SPCS
     SPECIES - XXXXXXXXXXXXX
      SUB-SP/VAR- XXXXXXXXXXXXX XXXXXX XXX   XXXXXX XXXXXX XXXXXX 99999 XXXXXXX XXXXXX  XXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXX
                                                                                X----X  X---------------X      X---------
                  X-----------X X----X  X-X  X----X X---X  X----X 9---9 X-----X X----X                         X---------
     SPECIES - X-------X        X----X  X-X  X----X X---X  X----X 9---9 X-----X X----X                         X---------
                                                                                                               X-------X
     SPECIES - X---------X
      SUB-SP/VAR  X--------X    X----X  X-X  X----X X---X  X----X 9---9 X-----X X----X  X---------------X
```

R6-79-5

#4284

4.1.1.2

Other samples of outputs !!!

PROGRAM

```
                                  US DEPARTMENT OF THE INTERIOR
                                                                                    AUGUST 11, 1976
                                   BUREAU OF LAND MANAGEMENT                  DATE: XXXXXXXXXXXXXXX

                                     UNIQUE PLANT INVENTORY

LOCATION: XXXXXXXXXXXXXXX <-> State, County District etc. ( BLM-WIDE))     (ONE LEVEL LOWER Than Heading)
          ARIZONA                                                            OR SPECIFY.

                           PLANT    POISONOUS  ~~ANIMALS~~  SPECIES     THREAT TO  SPECIES     ASSOC.   VEGETATION  LOCATION
                           SYMBOL   SPECIES    SPECIES      STATUS      SPECIES    POPULATION  SPECIES  SUBTYPE     COUNTY(IPS)
NAME                                           CONDITION                                       SYMBOL
FAMILY XXXXXXXXXXXXXXXXXXXX

  GENUS XXXXXXXXXXXXXXXXXXXXX

Spp. ->    XXXXXXXXXXXXXXXXXX XXXXXXXX  YES    HUMAN        ENDANGERED  COMMERCIAL             XXXXXXX  TURP. BRUSH MOHAVE
  SUBSP. XXXXXXXXXXXXXXXXXXXX XXXXXXXX   NO    COW          THREATENED                         XXXXXXX              MOHAVE
  VAR.   XXXXXXXXXXXXXXXXXXXX XXXXXXXX         1                                               XXXXXXX              MOHAVE
                                                                                                                    PIMA
                                                                                                                    PINAL

FAMILY ASTERACEAE

  GENUS ERIGERON
          ERIOPHYLLUS         ERERR     NO     -            ENDANGERED  INSECT     640 ACRES + ARTR     DES. SHRUB  COCONINO
                                                                                               DUTR                 NAVAJO
                                                                                               ARCA                 MOHAVE

          KUSCHEI             ERKUS     NO     -            ENDANGERED  -          640 ACRES+  ARPE     DES. SHRUB  MOHAVE
                                                                                               JUSC                 COCONINO
                                                                                               ARFE

          RELIGIOSUS
   VAR.   WEBERII             ERREW     YES    ~~COW~~      ENDANGERED  -          640 ACRES+  ARFF     DES. GRASS. MOHAVE
                                               ~~SHEEP~~                                       FEAR                 COCONINO
                                               ~~HUMAN~~                                       POPr                 NAVAJO

                                               INCREAS.
                                               DECREAS.
                                               STABLE
```

R6-79-6

prog. Area: 0132-ES
Prep. By: ~~JC/NW~~
Date: ~~8/16/77~~

3428

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Phenology Inventory

OUTPUT FORM:Printout.

OUTPUT DESCRIPTION: A table giving the dates of the stages of growth of plant species.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s):
Area Office
District Office
State Office

USAGE: Used in design of grazing systems or formulas, grazing management.
Site Inventory

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM land area. Repeat every 5 years, or as requested.

DEPENDENCIES: As URA or AMP prepared.

REQUEST PARAMETERS: Dist; RA; WH & B; PU.

390

R6-80-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Phenology Inventory

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 200 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

#3428

PROGRAM

DATE

US DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

PHENOLOGY INVENTORY

LOCATION: STATE-DISTRICT

GENUS	SPECIES	VARIETY	RANGE OF DATES 1	2	3	4	5	6	AVERAGE DATE 1	2	3	4	5	6
PHACELIA	CORRUGATA	ANGUSTIFOLIA	270290	001120	130150	150160	160180		280	060	140	155	170	
CANNABIS	SATIVA		060106	167243	244259	260300	305060		083	205	251	282	182	
AGROPYRON	SPICATUM		060106	153172	193202	214233	264289	228306	083	162	197	224	276	267

(NOTE - ADD VEGETATIVE STAGE)

R6-80-3

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/17/77

3440

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Location of Unique Plant Species

OUTPUT FORM: Map overlay and narrative

OUTPUT DESCRIPTION: An overlay showing the location of threatened, endangered, noxious and poisonous plants.

USER(s): Resource Area Manager & Staff; District Manager & Staff; State Director and Staff.

LOCATION(s): Area Office
District Office
State Office

USAGE: Used for livestock and other resource management plans.

ACCESS LIMITATIONS: *

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually or as requested.

DEPENDENCIES: As URA is prepared or ES or AMP.

REQUEST PARAMETERS: State, Dist; RA, WH & B: PU: Allotment.

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Location of Unique Plant Species

SORT ORDER: Same as Request Parameters

ESTIMATED VOLUME: 1,000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 1%.

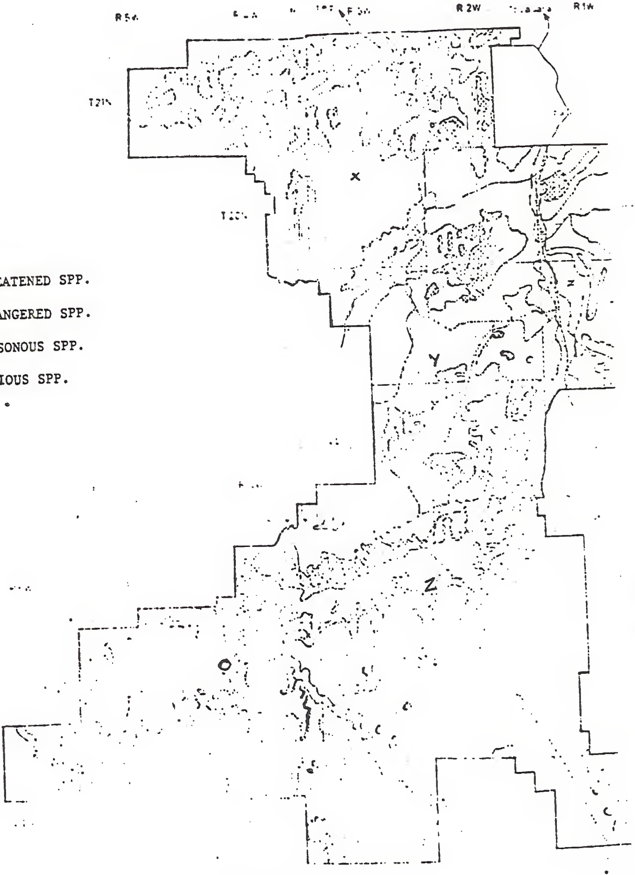
SCALE: Must fit base map.

ANNOTATIONS: NA

LEGEND: See sample.

REMARKS: * What restrictions should be placed on threatened and endangered species access?

TABLE 3440
UNIQUE SPECIES



Legend

X THREATENED SPP.
Y ENDANGERED SPP.
Z POISONOUS SPP.
O NOXIOUS SPP.

Narrative. Describe any variations due to elevation, exposure, soil type difference, and effect on resource management. Discuss any poisonous or noxious plant occurrences, their effects, the types of animals they endanger, and their seasonal toxicity. Discuss rare plant remnants and outliers, associations, communities, zones, aspects, and indicators.

Prog. Area: 0132-FS
Prep. By: JC/NW
Date: 8/16/77

3442

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Vegetation Sub-Types

OUTPUT FORM: Map overlay.

OUTPUT DESCRIPTION: An overlay delineating the vegetation of an area into the new standard sub-types.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s): Area Office
District Office
State Office

USAGE: Used as a basis for the management of livestock.
URA

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially on 1/10 of BLM land area annually or as requested.

DEPENDENCIES: As site inventory is completed.

REQUEST PARAMETERS: Dist; RA; WH & B; PU; Allotment.

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Vegetation Sub-Types

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 1,000 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: Within 1%.

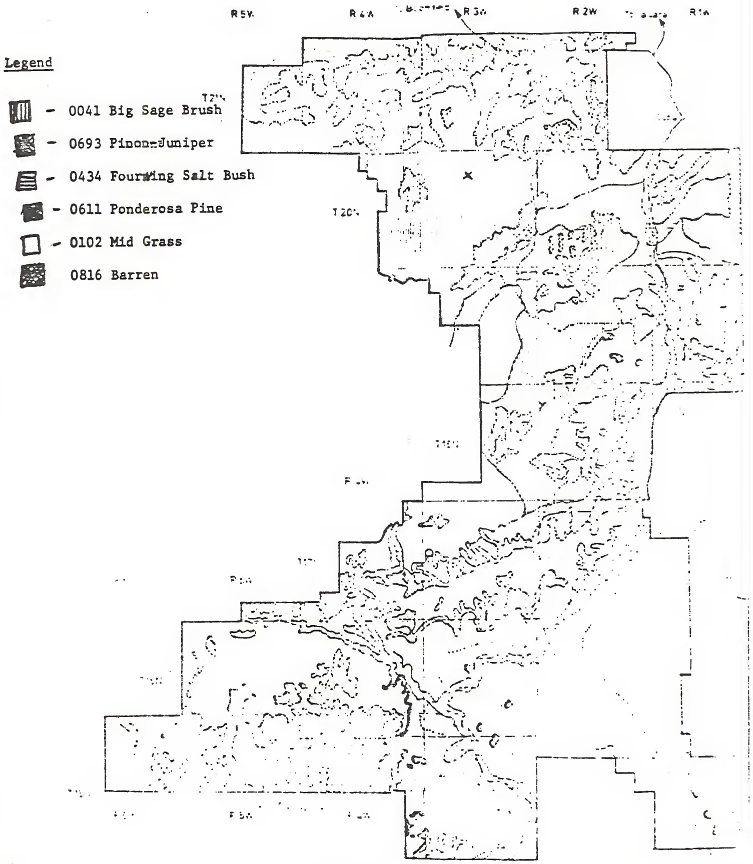
SCALE: Same as base map.

ANNOTATIONS: NA

LEGEND: See Sample.

REMARKS:

TABLE 3442
VEGETATION SUB-TYPES



Legend

▥ - 0041 Big Sage Brush

▧ - 0693 Pinon-Juniper

▤ - 0434 Fourwing Salt Bush

■ - 0611 Ponderosa Pine

☐ - 0102 Mid Grass

▦ 0816 Barren

Narrative. Describe any variations due to elevation, exposure, soil type difference, and effect on resource management. Discuss any poisonous or noxious plant occurrences, their effects, the types of animals they endanger, and their seasonal toxicity. Discuss rare plant remnants and outliers, associations, communities, zones, aspects, and indicators.

3443

Prog. Area: 013L
Prep. By: J.C. - N.W.
Date: 8/26/77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Vegetation Narrative

OUTPUT FORM: Narrative

OUTPUT DESCRIPTION: A narrative that discusses the information given on Vegetation Overlay, VO-1 and Tabulation VO-14 in Step III, URA

USER(s):
Resource Area Manager & Staff
District Manager & Staff

LOCATION(s):
Area Office
District Office
State Office

USAGE:
Used in Step III URA

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 10 years or as requested.

DEPENDENCIES: As URA prepared or updated

REQUEST PARAMETERS: Dist, RA, P.U. WH8B Area, Allotment

3443

OUTPUT DESCRIPTION

Page 2 of 2

OUTPUT TITLE: Vegetation Narrative

SORT ORDER: Dist, RA, P.U. WH&B Area, Allotment

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: NA

SCALE:

NA

ANNOTATIONS:

NA

LEGEND:

NA

REMARKS:

Narrative Structure attached
See Watershed Outputs VO-1 and VO-14 for Overlay and Tabulation

(1) Describe livestock - vegetation relationships. Describe suitability of the range for livestock use by various classes of livestock (cattle, sheep, horses, burros). (See BLM Manual Section 4412.13A3.) Discuss forage values, including seasonal variations, and circumstances associated with or restricting use of the vegetation, such as thick or high brush, rocky soils, steep terrain, seasonal or year-long use, ephemeral areas, availability of water, etc.

(2) Describe wild horses/burros - vegetation relationships. Discuss forage values, including seasonal variations, and relate discussion to seasonal use areas.

(3) Discuss separately, for both livestock and for wild horses/burros, how any significant subtypes within the major cover type (small wet meadows, important species concentration areas, etc.) are affected or affect the use or management of the range.

(4) Analyze separately for livestock and for wild horses/burros any problems associated with noxious or poisonous weed infestations, such as limitations in use, losses, influence on weed spread, etc.

Prog. Area: 0132-ES
Prep. By: ~~JC/NW~~
Date: ~~8/17/77~~

3444

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Condition, Trend and Production of Sub-Types,

OUTPUT FORM: Printout and Narrative

OUTPUT DESCRIPTION: A table showing the standard sub-type, the total acres and AUMs in each sub-type and the acreage in each condition and trend class.

USER(s): Resource Area Manager & Staff; District Manager and Staff.

LOCATION(s): Area Office
District Office
State Office

USAGE: Used as basis for reports and activity planning.
URA

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM land area annually. Repeat every 5 years or as requested.

DEPENDENCIES: As site inventory is completed.

REQUEST PARAMETERS: Dist; RA; WH & B; PU; Allotment.

404

R6-84-1

3444

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Condition, Trend and Production of Sub-Types

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 1,000 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS: Should this be by site instead of sub-type?

Narrative Structure attached

405

TABLE 3444

CONDITION, TREND AND PRODUTION OF VEGETATION SUB-TYPES

______________ Grazing es Area ______________ District

______________ Planning Unit ______________ State

Vegetation Sub-Type	Acreage	Condition (acres)			Trend (acres)			Production by Subtype ac/ann
		Good	Fair	Poor	Improving	Stable	Declinging	
Midgrass	4052	1	51	4000	52	1000	3000	7
Piono-Juniper	7050	0	2000	5000	0	2000	5050	10

Narrative. Utilizing information obtained from studies or visual observation, analyze and discuss the condition and trend. Relate to individual allotment or wild horse or burro areas, as appropriate.

(1) Describe the condition and trend of the vegetative cover types and other key species and past successions and invasions in relation to causes. Describe the factors that affect the composition, density, vigor, etc., (environmental "change agents"), i.e., insects, disease, animals, fire, man-related activities, etc.

(2) Describe how the existing habitat problems affect the management and the life functions of livestock and wild horses or burros.

(3) Describe "ecologically unique areas," and the factors that make them unique, such as unique plant composition in the community, species, or communities existing far from their normal range or physical environment, etc.

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/17/77

3446

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Vegetation Condition & Trend

OUTPUT FORM: Map overlay. and Narrative

OUTPUT DESCRIPTION: An overlay showing the areas of range in the different condition and trend classes.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s):
Area Office
District Office
State Office

USAGE: Used in activity planning. URA

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM land annually. Repeat every 5 years or as requested.

DEPENDENCIES: As site inventory is completed.

REQUEST PARAMETERS: Dist; RA; WH & B; PU; Allotment.

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Vegetation Condition and Trend.

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 1,000 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: Within 1%.

SCALE: Same as base map.

ANNOTATIONS: NA

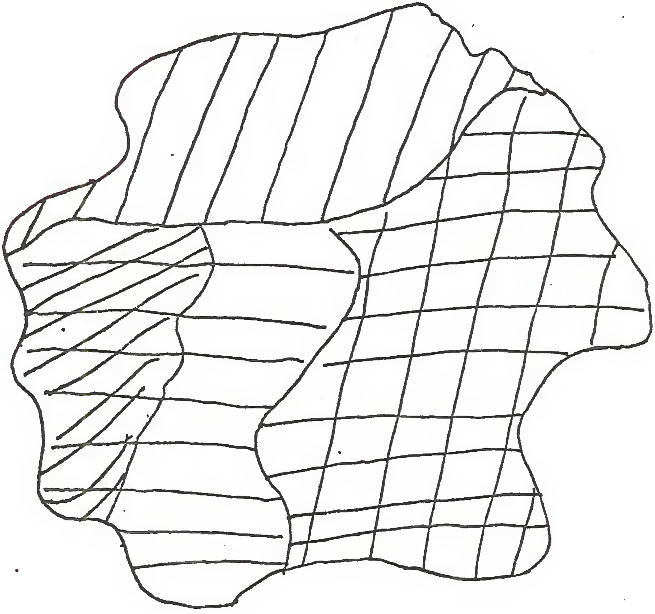
LEGEND: See Sample.

REMARKS:

Narrative Structure attached

TABLE 3446

VEGETATION CONDITION AND TREND



//// Condition Fair-Trend-Improving

≡ Condition Poor-Trend-Declining

Condition-Good-Trend- Stable

▨ Condition-Good-Trend-Declining

ETC.

Narrative. Utilizing information obtained from studies or visual observation, analyze and discuss the condition and trend. Relate to individual allotment or wild horse or burro areas, as appropriate.

(1) Describe the condition and trend of the vegetative cover types and other key species and past successions and invasions in relation to causes. Describe the factors that affect the composition, density, vigor, etc., (environmental "change agents"), i.e., insects, disease, animals, fire, man-related activities, etc.

(2) Describe how the existing habitat problems affect the management and the life functions of livestock and wild horses or burros.

(3) Describe "ecologically unique areas," and the factors that make them unique, such as unique plant composition in the community, species, or communities existing far from their normal range or physical environment, etc.

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/17/77

3448

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Percent Composition (Cover) of Major Species for Each Vegetation Sub-Type.
OUTPUT FORM: Printout.

OUTPUT DESCRIPTION: Table listing each plant species with the average percent composition for each vegetation sub-type.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s): Area Office
District Office
State Office

USAGE: Used in resource activity planning.

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As site inventory is completed.

REQUEST PARAMETERS: Dist; RA; WH & B; PU; Allotment.

412

R6-86-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Percent Composition (Cover) of Major Species for Each Vegetation Sub-Type.

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 1,000 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS: What area (allotment, PU, etc.,) should this be called for?

TABLE 3448 AVERAGE PERCENTAGE OF COMPOSITION COURSE OF MAJOR SPECIES FOR EACH VEGETATION SUB-TYPE

040 00

Common Name of species	Grassland	Treated Grassland	Big Sagebrush	Treated Big Sagebrush	Ponderosa Pine (North)	Ponderosa Pine (South)	Steep & Rocky	Barren	Pinyon-Juniper	Treated Pinyon-Juniper	Fourwing Saltbush	Greasewood	Snakeweed
		Trtd.		Trtd.	North	South				Trtd.			
Grass:													
Blue Grama	21.	21.	19.	30.	12.	6.	15.	5.	14.	32.	5.	2.	17.
Western Wheatgrass	2.		4.	7.	2.	3.				5.		3.	
June Grass					2.	4.		37.					
Galleta grass	23.	20.	7.	11.			11.		6.	9.	5.	2.	15.
Bottlebrush squirreltail		4.								3.			2.
Crested wheatgrass		5.		7.						3.			
Alkali sacaton	26.	5.	3.	3.			4.				15.	18.	
Red Three-awn		2.					2.						2.
Sandhill Muhly								16.					
Ring Muhly	2.	6.											4.
Indian Ricegrass		2.					2.	5.					
Sand dropseed	3.							5.			2.		
Shrub:													
Gambel Oak & Oak species					12.	23.			3.				
Mountain Mahogany					3.								
Big Sagebrush			51.	33.	3.		5.		9.	35.			
Black Sagebrush					2.					2.			
Fringe Sagebrush		2.					2.						
Skunk Bush						2.							
Fourwing Saltbush	3.	2.					2.	16.			58.	3.	2.
Shadscale	3.						13.				2.	8.	
Winterfat	2.	5.-											
Greasewood			2.								2.	56.	
Rabbitbrush			2.										
Broomsnakeweed		19.	3.	4.		4.	7.	5.	5.	5.	5.	2.	51.
Cactus species												2.	
Trees:													
Ponderosa Pine					42.	29.							
Pinyon Pine					9.	21.	9.		- 23.				
Juniper species		2.			8.	5.	16.	11.	27.	2.			
Total % Cover (Vegetative and Litter)	40	41	32	40	20	14	20	4	7	60	35	14	17

Species with Percentages of one and below are not displayed.

R6-86-3

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/17/77

3450

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Data for Key and Other Unique Species

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving the stages of growth by dates and other data for unique species.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s): Area Office
District Office
State Office

USAGE: Used in activity planning.

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually.

DEPENDENCIES: As URA prepared or activity plans written.

REQUEST PARAMETERS: Dist; RA; WH & B; PU: Allotment.

415

R6-87-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Data for Key and Other Unique Species.

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 2,000 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

#3450

C... 422247
BUREAU OF LAND MANAGEMENT
DSC-1265-100 Output 5T
March-1969
PROGRAM Resource Inventory 0/89

REPORT LAYOUT FORM
6 LINES PER INCH

PAGE ______

4115.32 6
~~4.300 WP~~

Output II

DATE ______

DATA FOR KEY SPECIES (THREATENED / ENDANGERED / POISONOUS-NOXIOUS PLANTS)

STATE
DISTRICT
RA
ALLOTMENT
WILD HORSE AND BURRO AREA NAME
WILD HORSE AND BURRO AREA

CATEGORY	COMMON NAME (SCIENTIFIC NAME)	PLANT SYMBOLS	BEGIN GROWTH	PEAK OF FLOWER	SEED RIPE	MATURITY	DORMANCY	REGROWTH	CRITICAL GROWTH PERIOD	PERIOD OF TOXICITY	ANIMALS AFFECTED	TOXIC PRINCIPLE	NATURE OF EFFECT
	GRASSES								V-AB 6-30				
KEY	WESTERN WHEATGRASS	AGSM	04-25	07-10	08-01	09-10							
	BLUE GRAMA	BOGR	05-01										
"	CURLY MESQUITE	HIBE											
	FORBS												
NOXIOUS	RUSSIAN THISTLE	SAKA			AI								
POISON	HALOGETON GLOMERATUS	HAGL								4-15, 12-15	S, O, H		

SHRUBS

R6-87-3

417

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/17/77

3452

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Plant Species List

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table listing the scientific name of plants in a given geographic area.

USER(s): Resource Area Manager & Staff; District Manager and Staff.

LOCATION(s):
Area Office
District Office
State Office

USAGE: Used in planning system-ES, activity plans.

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially on 1/10 of BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As URA prepared or updated, ES or activity plans.

REQUEST PARAMETERS: Dist; RA; WH & B; ES; PU; Allotments.

418

R6-88-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Plant Species List.

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 500 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

TABLE 3452
LISTING OF PLANT SPECIES IN __________ GRAZING ES AREA

ACERACEAE
- Acer glabrum
- Acer negundo
- Acer saccharinum

ANACARDIACEAE
- Rhus glabra
- Rhus aromatica var. serotine
- Rhus typhina
- Rhus trilobata

BORAGINACEAE
- Crytantha jamesii
- Cryptantha pustulosa
- Hackelia floribunda
- Hackelia virginiana
- Lappula redowskii
- Lithospermum incisum
- Lithospermum multiflorum
- Martensia ciliata
- Mertensia viridis
- Plagiobothrys scopulorum

CACTACEAE
- Cereus grandiflorus
- Echinocareus sp.
- Echinocareus viridiflorus
- Opuntia polyacantha
- Pediocactus simpsonnii

CAMPANULACEAE
- Campanula parryi
- Campanula petiolata
- Campanula rotundifolia

CANNABACEAE
- Humulus lupulus
- Humulus lupinus

CAPPARIDACEAE
- Cleome conorae
- Cleome serrulata

CAPRIFOLIACEAE
- Kolkwitzia amabilis
- Lonicera involucrata
- Lonicera tatarica
- Linnaea americana
- Linnaea borealis
- Sambucus pubens
- Sambucus racemosa
- Symphoricarpos oreophilus
- Symphoricarpos rotundifolius

CAYOPHYLLACEAE
- Arenaria fendleri
- Arenaria macrantha
- Arenaria obtusiloba
- Cerastium arvense
- Paronychia jamesii
- Saponaria officinalis
- Silene acaulis
- Silene menziesii
- Stellaria longifolia
- Stellaria media
- Stellaria longipes

CELASTRACEAE
- Pachystima myrisinites

CERATOPHYLLACEAE
- Ceratophyllum demersum

CHENOPODIACEAE
- Artiplex hortensis
- Artiplex canescens
- Beta vulgaris
- Chenopodium album
- Chenopodium fremontii
- Chenopodium sp.
- Chenopodium capitatum
- Eurotia lanata
- Kochia scoparia
- Monolepsis nuttalliana
- Salicornia rubra

420

R6-88-3

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/17/77

3460

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Animal Species and Habitat Data

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving the common name, scientific name; population status, and habitat preference of each animal within a given area.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s): Area Office
District Office
State Office

USAGE: Used in the planning system and ES, activity plans.

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As URA prepared or updated or as ES written-activity plans.

REQUEST PARAMETERS: Dist; RA; ES; WH & B; PU; Allotment.

OUTPUT DESCRIPTION

OUTPUT TITLE: Animal Species and Habitat Data.

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 500 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

Include livestock and WH8B

Table 3660

Animal Species and Habitat Data

____ ______ Grazing es Area

__________ District

______ Planning Unit

__________ State

Common Name	Scientific Name	Population Status	Habitat Preference	
		Reptiles		
Snake	Anus Snakeir	Common	Reparian	
		Mammals		
Racconn	Ringus Tailii	Threatened	Eucalyptus Treetops	

R6-89-3

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/24/77

3461

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Animal Distribution Overlay

OUTPUT FORM:

Map Overlay

OUTPUT DESCRIPTION: Show the distribution of the various species of animals (mammals, birds, reptiles, amphibians, fish, etc.)

USER(s):
Resource Area Manager & Staff
District Manager & Staff

LOCATION(s):
Area Office
District Office
State Office

USAGE:

Used in planning system, ES and Activities plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every 10 years or as requested.

DEPENDENCIES: As URA prepared or updated, ES written or activity plans prepared

REQUEST PARAMETERS: Dist, RA, ES Area, WH8B Area, PU. Allotment

3461

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Animal Distribution Overlay

SORT ORDER: Dist, RA, ES Area, WH8B Area, PU. Allotment

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES:
None

ACCURACY: Within 5%

SCALE:
Same as base map

ANNOTATIONS:
None

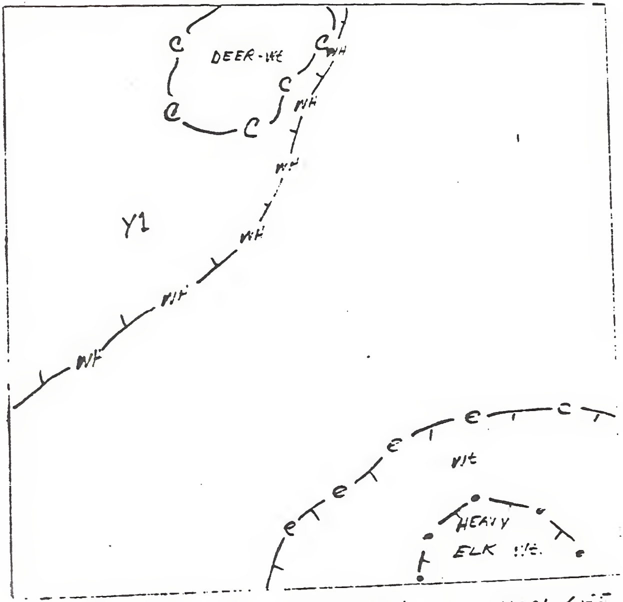
LEGEND:
See sample

REMARKS:
See output 3460 in lieu of narrative

3461

STATE
DISTRICT
RESOURCE AREA
P.U.

ANIMAL DISTRIBUTION



Legend - Use standard symbols in a [illegible]
Cattle Use - over entire area, Sp-Fa

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/17/77

3462

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Terrestrial Animal Habitat Condition and Distribution.

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving the location, acres and condition of habitat with the permanent population, winter population and population trend of each animal species.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s): Area Office
District Office
State Office

USAGE: Used in the planning system-grazing ES, activity plans.

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As URA prepared or updated or ES written and activity plans.

REQUEST PARAMETERS: Dist; RA; ES Area; WH & B; PU; Allotment.

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Terrestrial Animal Habitat Conditon & Distribution.

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 500 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

TABLE 3462

TERRESTIAL ANNUAL HABITAT CONDITION AND DISTRIBUTION

Grazing es Area ________ District

________ Planning Unit ________ State Wildlife

Existing ~~Environment~~

MULE DEER HABITAT AND DISTRIBUTION+

Location	Acres of Habitat (BLM Land)	Habitat Condition	Permanent Population	Winter Population	Population Trend
Ignacio Chavez Area	33,584	Fair to Good (1)	100	325 (2)	Stable or Declining
La Ventana Area	10,840	Fair (3)	50	225 (4)	Stable or Improving
Continental Divide	50,440	Poor to Fair	350	350	Stable
San Luis Mesa	17,280	Poor (5)	30	30	Declining
Elsewhere*	276,761	Poor (5)	220	220	Unknown
Total Area	388,905	Fair	750	1,150	Stable or Declining

(1) Winter range good, summer range poor
(2) Increase from Mount Taylor
(3) Winter browse condition improving
(4) Increase from San Miguel Mountain
(5) Key Browse lacking

+Compiled from BLM open files.

*Much of this area is so poor in quality that it is not inhabited with deer.

Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/17/77

3464

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Habitat Types and Critical Areas by Animal Species.

OUTPUT FORM: Map overlay.

OUTPUT DESCRIPTION: An overlay showing type of habitat and critical habitat areas by season for each animal species.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s):
Area Office
District Office
State Office

USAGE: Used in planning system, ES and activity plans.

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As URA written or updated, as ES written or as activity plans prepared.

REQUEST PARAMETERS: Dist; RA; ES; WH & B; PU; Allotment.

3464

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Habitat Types and Critical Areas by Animal Species.

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 1,000 pages annually.

COMPUTATIONS/PROCESSES: None.

ACCURACY: NA

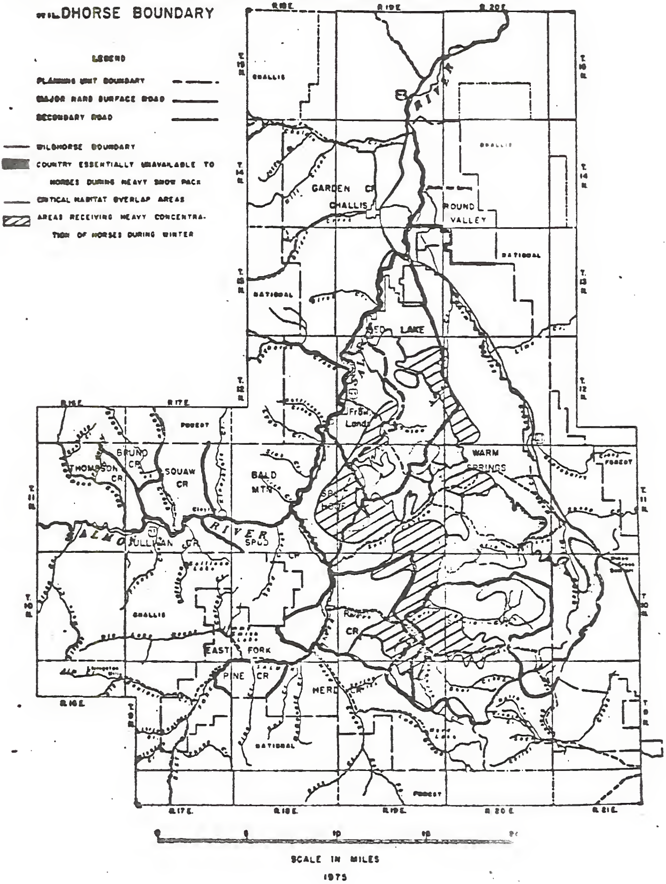
SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

TABLE 3464a HABITAT TYPES AND CRITICAL AREAS BY ANNUAL SPECIES

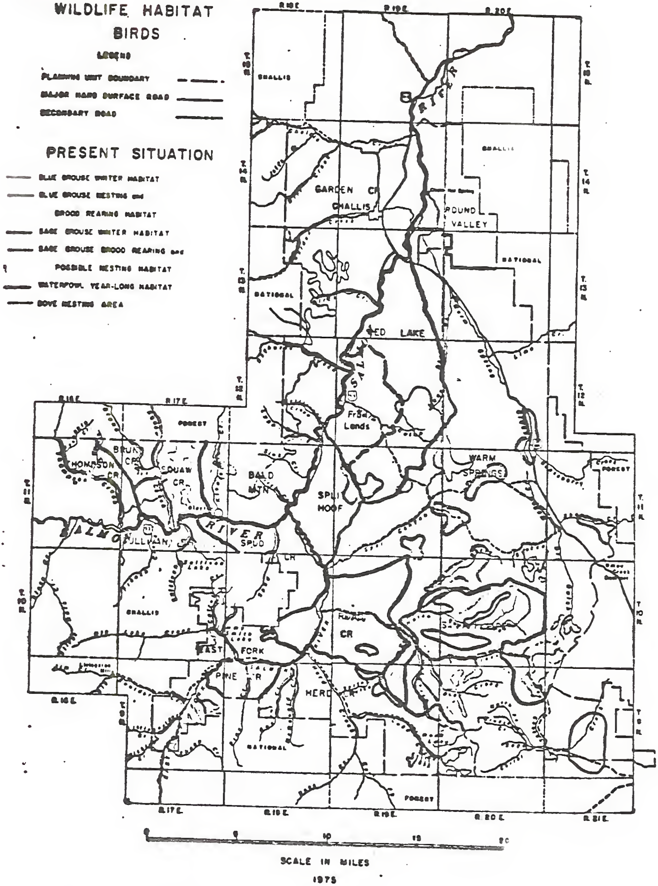


MAP 2-16 WILD HORSE HERD BOUNDARIES ESTABLISHED IN 1973 ON THE CHALLIS UNIT.

432

R6-92-3

TABLE 3464b HABITAT AND CRITICAL AREAS BY ANNUAL SPECIES



MAP 2-15 IMPORTANT HABITAT FOR SAGE GROUSE, BLUE GROUSE, AND WATERFOWL IN THE CHALLIS UNIT.

#3464c HABITAT TYPES AND CRITICAL AREAS By ANNUAL SPECIE

PRIMARY DEER

RI PUERCO
GRAZING AREA

LEGEND

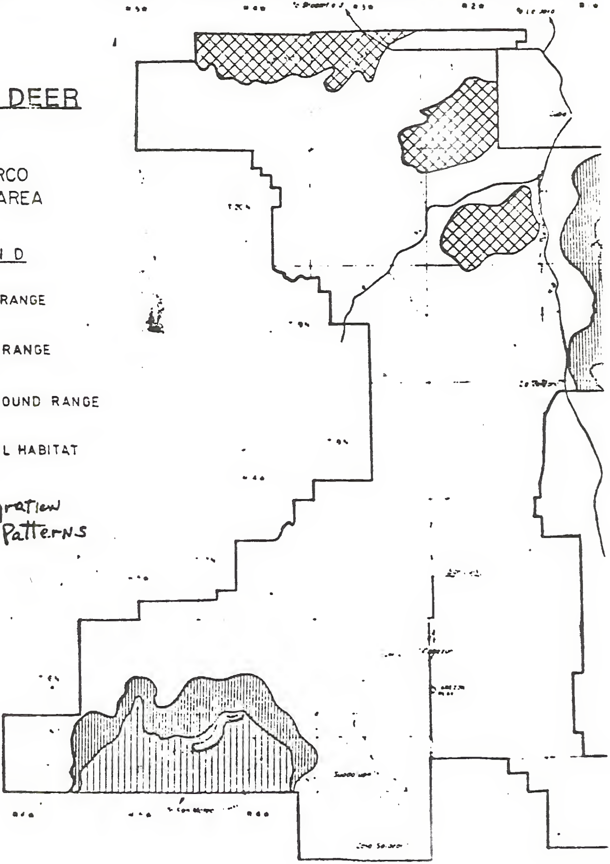
▥ SUMMER RANGE

▥ WINTER RANGE

▩ YEAR-ROUND RANGE

▒ CRITICAL HABITAT

↶ Migration Patterns



Prog. Area: 0132-ES
Prep. By: JC/NW
Date: 8/17/77

3466

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Fish Habitat Data for Streams

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving the name of the stream, miles of stream, condition by miles of stream, with the quantity of fish by species.

USER(s): Resource Area Manager & Staff; District Manager & Staff.

LOCATION(s):
Area Office
District Office
State Office

USAGE: Used in planning system, ES, activity plans.

ACCESS LIMITATIONS: None.

RESPONSE TIMES: DESIRED: 2 days. REQUIRED: 1 week.

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As URA prepeared or updated, ES and activity plans.

REQUEST PARAMETERS: Dist; RA; ES; WH & B; PU; Allotment.

435

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Fish Habitat Data for Streams

SORT ORDER: Same as Request Parameters.

ESTIMATED VOLUME: 200 pages annually.

COMPUTATIONS/PROCESSES: None

ACCURACY: NA

SCALE: NA

ANNOTATIONS: NA

LEGEND: NA

REMARKS:

TABLE 3466

FISH HABITAT DATA FOR STREAMS

Name of Stream	Spiecies of Fish		Stream Condition (miles)			Total Miles of Stream	Quantity (Productivity lbs./surface Ac.
	Resident	Anadromous	Good	Fair	Poor		
		[redacted]		[redacted]	[redacted]		
Rio Puerco	Carp Trout		5 7	7 7	2 0	14 14	32 16
[redacted]							
Total							
Rio Grande	Carp Trout		4 6	6 6	2 0	12 12	15 7

R6-93-3

437

Prog. Area: 0132 - E.S.
Prep. By: JC/NW
Date: 17 Aug 77

3468

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Fish Habitat Data for Lakes and Reservoirs

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the name of water body, total surface acres species of fish and quantity and water classifications.

USER(s): Resource Area Manager and staff, District Manager and staff LOCATION(s): Area office, District office

USAGE: Used in planning system, E.S., activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As URA prepared or updated, E.S. or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, PU allotment

.3468

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Fish Habitat Data for Lakes and Reservoirs

SORT ORDER: Same as for request parameters

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

439

R6-94-2

TABLE 3468

FISH HABITAT DATA FOR LAKE AND RESERVOIRS

Name of Lake or Reservoir	Species of Fish	Classification (oligotro- ~~oligtrou-~~ phic, Mesotrophic eutrophic or dystrophic)	Quantity (Productivity) (Lbs/Surface Acre)	Total Surface Acres	Classifi- ~~Areas~~ cation

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 17 Aug 77

3480

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Scenery Quality Evaluation

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving the scenic area with a rating for scenic quality

USER(s): Resource Area Manager and Staff, District Area Manager and Staff LOCATION(s): Area Office; District office

USAGE: Used in planning system, ES and activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 5 years or as required

DEPENDENCIES: As URA prepared or updated, ES, or plans written

REQUEST PARAMETERS: District, RA, ES area, WH$B Area, PU, allotment

441

R6-95-1

·3480

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Scenery Quality Evaluation

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

TABLE 3480

SCENERY QUALITY EVALUATION
TABLE 2-28

QUALITY EVALUATION OF CHALLIS UNIT SCENERY AS A RECREATION RESOURCE

Rating Area	Total Score	Class
Lower Salmon & East Fork	13	B
Warm Springs	10	B
Central Part of the Unit	10	B
San Felipe	8	C
Upper Salmon River	21	A
Upper East Fork	16	A
Round Valley	10	B

Class A Scenery - Excellent
Class B Scenery - Good
Class C Scenery - Fair

R6-95-3

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 17 Aug 77

3482

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Scenery Quality Delineation

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay depicting the different quality classes of scenery

USER(s): Resource Area Manager and Staff; District Area Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES, and activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As URA prepared or updated or as ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U., allotment

3482

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Scenery Quality Delineation

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: within 1%

SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See sample

REMARKS: None

445

TABLE 3482

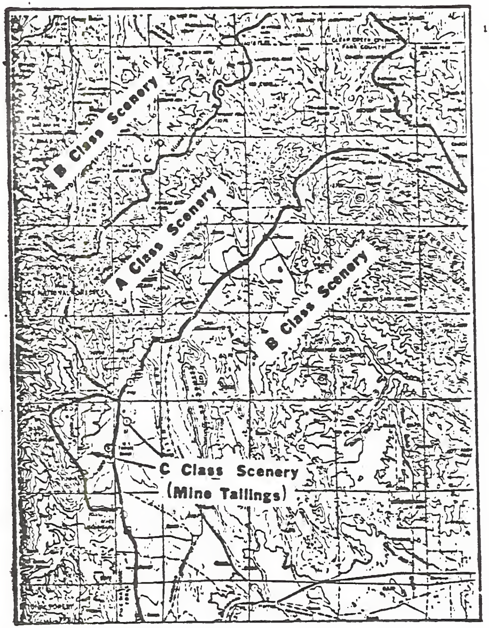
SCENERY QUALITY DELINEATION

Illustration 5
(.11A7)

8410 - VISUAL RESOURCE INVENTORY AND EVALUATION

Step 1 - Delineating Scenery Quality Inventory

3482



INSTRUCTIONS

1. Delineate the scenery quality classes identified in the scenery quality inventory (Illustration 1.)

446

R6-96-3

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3484

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Visual Sensitivity Levels

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay depicting the different levels of visual sensitivity

USER(s): Resource Area Manager and Staff; District Area Manager and Staff LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES-activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As URA prepared or as ES or AMP prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, PU allotment

R6-97-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Visual Sensitivity Levels

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: within 1%

SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See sample

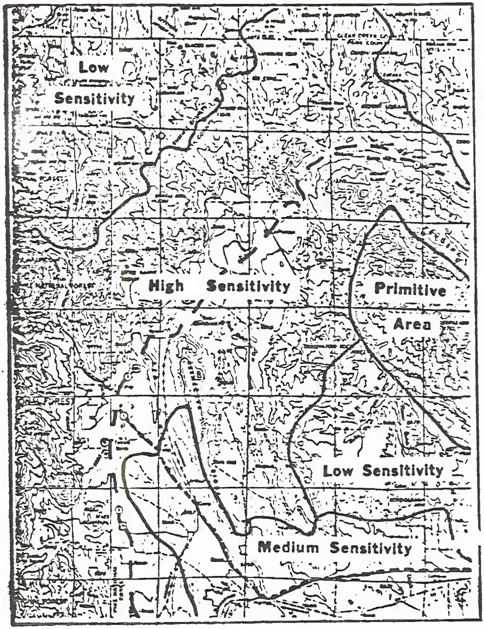
REMARKS: None

Table 3484

VISUAL SENSETIVITY LEVELS

8410 - VISUAL RESOURCE INVENTORY AND EVALUATION

Step 2 - Determining Visual Sensitivity Level



INSTRUCTIONS

1. Delineate all areas - high, medium, or low sensitivity level.
2. Delineate all special areas, i.e., primitive, etc., since they fall automatically into VRM Class I, visual quality objectives.

NOTE Sensitivity level and visual zones have a direct correlation. The field work for both should be done at the same time.

R6-97-3

3486

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Visual Management Units

SORT ORDER: same as request parameters

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: within 1%

SCALE: Same as base map

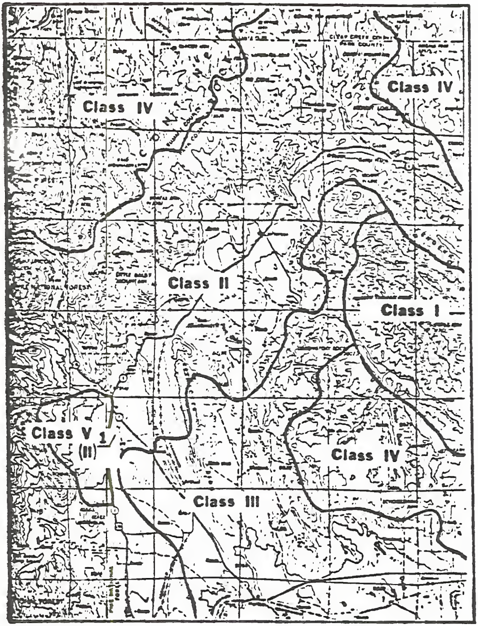
ANNOTATIONS: None

LEGEND: See sample

REMARKS: None

TABLE 3486 VISUAL MANAGEMENT UNITS

Step 6 - Outline Visual Management Units



INSTRUCTIONS

1. On a separate overlay or map, outline all contiguous areas with the same visual resource management class and label each unit.

1/ Denotes long-term Visual Resource Management Class objective.

R6-98-3.

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3490

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: List of Historical Sites

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving the name of the historical site, principal features, ownership and other data

USER(s): Resource Area Manager and Staff, District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as required

DEPENDENCIES: As URA completed or updated or ES or activity plans

REQUEST PARAMETERS: District, RA, ES Area, WH&B Area, P.U., allotment

452

·3490

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: List of Historical Sites

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

TABLE 3490
LIST OF HISTORICAL SITES

TABLE II-41. HISTORICAL SITES IN THE SAN LUIS RESOURCE AREA

Name of Site	Site Number	Principal Site Feature	Integrity a/	Condition b/	Historical Significance c/	Physical Size (in acres)	Ownership or Management
Canal	1037	Canal remains	Poor	Poor	L	10.0	BLM
Gravesite	1038	Two graves	Poor	Poor	L	1.0	BLM
Gomez, Colorado	1039	Townsite	Fair	Good	L	10.0	Private/BLM adjacent
Cumbres Pass Railway	1040	Railbed	Good	Good	N, S, L	10.0	BLM (on N.R.) d/
La Sauses Cemetery	1041	Cemetery	Good	Fair	L	15.0	BLM
Pike's Stockade	1042	Fort	Good	Good	N, S, L	5.0	State of Colo. (on N.R.)
Cabin	1043	Cabin	Fair	Poor	L	1.0	BLM
Taos Valley Canal #2	1044	Canal	Good	Fair	L	7.5	BLM
Ranch (Taos Valley)	1045	Ranch	Good	Fair	L	10.0	Private/BLM adjacent
Rock Cabins	1046	Cabins	Good	Fair	L	10.0	Private/BLM adjacent
Spanish Cross	1047	Cross	Good	Good	L	1.0	BLM
King Turquoise Mine	1048	Mine	Good	Good	S, L	40.0	BLM
Liberty, Colorado	1049	Townsite	Good	Fair	S, L	35.0	Private/BLM adjacent
Cemetery at Tellurium	1050	Cemetery	Poor	Poor	L	1.0	Private/BLM adjacent
Decker Cemetery	1051	Cemetery	Fair	Good	L	3.0	Federal Wildlife
Rock Creek Cabins	1052	Townsite	Good	Fair	L	25.0	Private/BLM adjacent
Rock Creek Cemetery	1053	Cemetery	Fair	Fair	L	10.0	Private/BLM adjacent
Jacks Creek Mine	1054	Mine	Fair	Good	L	17.0	Private/BLM adjacent
Cabin Draw Cabin	1055	Cabin	Good	Fair	L	1.0	BLM
Ute Pass Road	1056	Road	Good	Fair	S, L	5.0	BLM and USFS
La Garita Wagon Route	1057	Road	Fair	Good	L	2.0	BLM
La Garita Cemetery	1058	Cemetery	Poor	Fair	L	2.0	Private/BLM adjacent
Poncha Pass Railway	1059	Railbed	Fair	Poor	S, L	13.0	BLM
Bonanza, Colorado	1060	Cemetery	Fair	Fair	L	10.0	Private/BLM adjacent
Sedgwick, Colorado	1061	Townsite	Poor	Poor	S, L	20 to 25	BLM/USFS
Grave	1062	Grave	Fair	Poor	L	1.0	Colo./BLM adjacent
Graveyard Gulch	1063	Cemetery	Unknown	Unknown	L	Unknown	Private and BLM
Rito Alto Cemetery	1064	Cemetery	Fair	Fair	L	10.0	Private/BLM adjacent
Crestone Cemetery	1065	Cemetery	Good	Good	L	40.0	Private/BLM adjacent
Private Cemetery	1066	Cemetery	Fair	Fair	L	10.0	Private/BLM adjacent
Villa Grove Cemetery	1067	Cemetery	Fair	Fair	L	15.0	BLM
Orient Mine	1068	Mine	Fair	Fair	L	20 to 25	Private/BLM adjacent
Orient Railline	1069	Railbed	Fair	Poor	S, L	25.0	BLM
Crestone Railline	1070	Railbed	Poor	Poor	L	1.5	BLM
Saguache Hill	1071	Hill site	Good	Fair	L	10.0	BLM
Hodding Gravesite	1072	Graves	Fair	Fair	L	1.0	BLM/County
Stage Station	1073	Stage Station	Fair	Poor	S, L	5.0	Private/BLM adjacent
Jacks Creek	1074	Cemetery	Fair	Fair	L	1.5	Private/BLM adjacent

a/ Integrity refers to the historical condition of a site--its present condition, past condition, and present setting. A site with "good" integrity would appear virtually as it was when it was built, while a site with "poor" integrity would be either totally obliterated or so substantially modified that it would no longer be recognizable.

b/ Condition refers to the present physical condition of a historical site--the condition of the structure(s) or area of the site, including any evidence of vandalism that is present, the condition of architecture, and the condition of the land around the site. A site in "good" condition would have a building with excellent structural condition, the land around it would be nearly like the original, and there would be no signs of vandalism. A site in "poor" condition would show signs of decay, the land might be modified, and there might be signs of human or animal intrusion.

R6-99-3

454

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3486

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Visual Management Units

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay depicting the different classes of visual management

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, E.S., activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually

DEPENDENCIES: As URA prepared or updated or ES or Activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

R6-98-1

455

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3492

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Cultural Resources

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing the location of the various cultural resources

USER(s): Resource Area Manager and Staff; District Area Manager and Staff LOCATION(s): Area Office; District office

USAGE: Used in planning system, ES and Activity Plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as required

DEPENDENCIES: As URA prepared or updated or ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U., allotment

456

R6-100-1

3492

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Cultural Resources

SORT ORDER: Samesas request parameter

ESTIMATED VOLUME: 1800 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

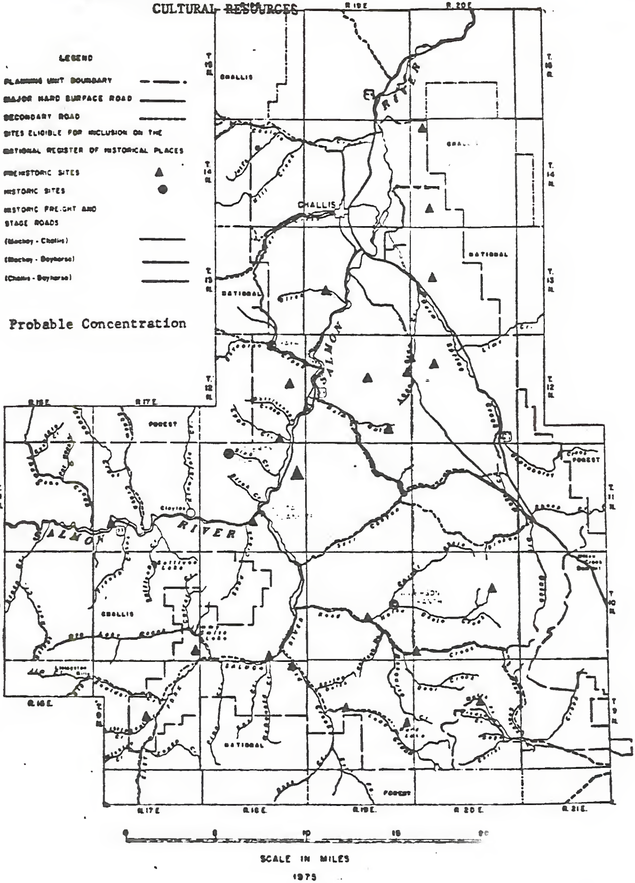
ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

Table 3492

CULTURAL RESOURCES



Probable Concentration

MAP 2-25 LOCATION OF ELIGIBLE SITES FOR INCLUSION ON THE NATIONAL REGISTER OF HISTORIC PLACES.

458

R6-100-3

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3510

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Recreation Use

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: Table showing the various types of recreation activities and the number of visitor use days for each

USER(s): Resource Area Manager and Staff; District Manager and Staff LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES and activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated, ES or activity plan prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Recreation Use

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

TABLE 3510 RECREATION USE

_______ Grazing es Area __________ P. U. _____ District _____ Stat

Recreation

Existing Environment

Estimated Recreation Use Levels (Visitor Days)
By Recreation Activity for 15 Grazing Area

Activities	Estimated Visitor Use Days
ORV Use	170,218
Sightseeing Use	323,770
Primitive/Natural Area Uses	4,475
Hunting Use	46,130

461

RL-101-3

77

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3512

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Recreation Use Areas

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing the boundaries of the various types of recreation use

USER(s): Resource Area Manager and LOCATION(s): Area Office; District office staff; District Manager and Staff

USAGE: Used in planning system, ES, and activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as required

DEPENDENCIES: As URA prepared or updated or as ES or activity plan prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Recreation Use Areas

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 1%

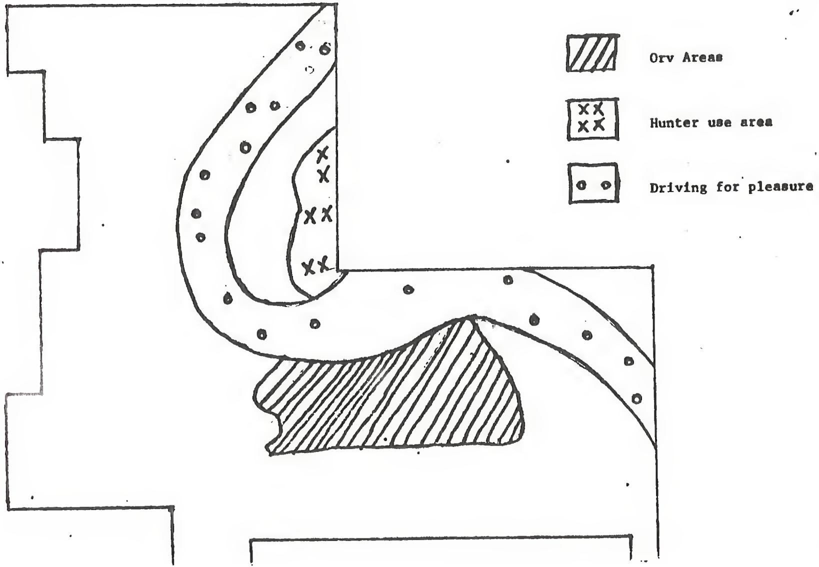
SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See sample

REMARKS: None

TABLE 3512 RECREACTION USE AREA



Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3520

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Volumes of Forest Products

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the different forest products yield by years

USER(s): Resource Area Managers and Staff; District Managers and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES and activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially on 1/10 of BLM annually. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated, or ES or activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

465

R6-103-1

3520

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Volumes of Forest Products

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/a

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

Table 3520

VOLUMES OF FOREST PRODUCTS

Year	Sawtimber (mbf)	Posts and Poles (number)	Fuelwood (cords)	Wildings (number)

R6-103-3

3522

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 8-18-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Forest Products Areas

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing boundaries of the various forest products.

USER(s): Resource Area Managers and LOCATION(s): Area Office; District Office Staff; District Manager and Staff

USAGE: Used in planning system, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or ES or activity plan prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Forest Products Areas

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 1%

SCALE: Same as base map

ANNOTATIONS: None

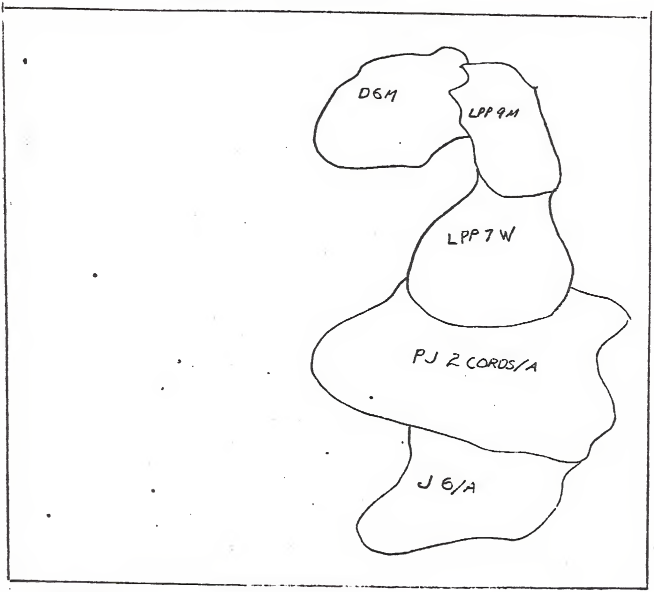
LEGEND: See sample

REMARKS: None

469

STATE
DISTRICT
RESOURCE AREA
GRAZING ES AREA
P.U
P.U

FOREST PRODUCTS



Legend:

D6M	DOUGLAS-FIR X-MAS TREES, MODERATELY STOCKED
LPP 9M	LODGEPOLE PINE SAWTIMBER, MODERATELY STOCKED
LPP 7W	LODGEPOLE PINE POLES, WELL STOCKED
PJ2CORDS/A	PINYON-JUNIPER, 2 CORDS PER ACRE
J 6/A	JUNIPER POSTS, 6 PER ACRE
ETC.	USE STANDARD FORESTRY SYMBOLS

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3530

OUTPUT DESCRIPTION

Page 1 of 2

OUTPUT TITLE: Current Minerals Activity and Resources

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing the location of current mineral activity and resources

USER(s): Resource Area Managers and LOCATION(s): Area Office; District Office Staff; District Manager and STaff

USAGE: Used in planning system, ES activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated or as ES or activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

471

R6-105-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Current Minerals Activity and Resources

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 1%

SCALE: Same as base map

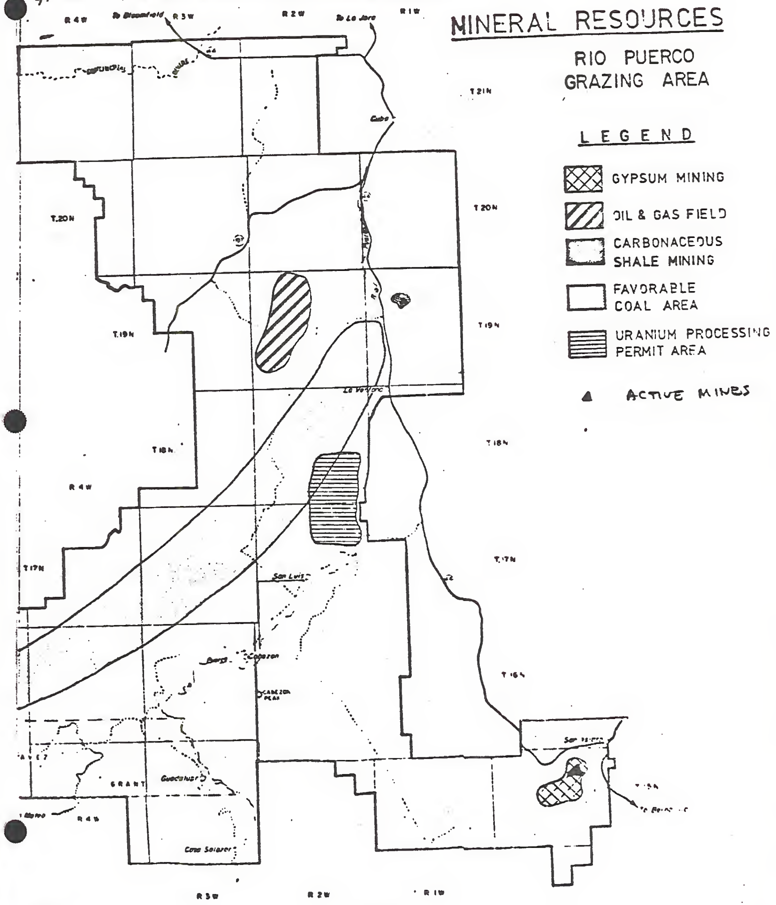
ANNOTATIONS: None

LEGEND: see sample

REMARKS: None

Table 3530

CURRENT MINERAL ACTIVITY AND RESOURCES



473

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3550

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Transportation Network

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing all transportation routes and facilities

USER(s): Resource Area Manger and Staff; District Manager and staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES, activity planning

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested.

DEPENDENCIES: As URA prepared or updated, or as ES or Activity plans prepared

REQUEST PARAMETERS: District, RA, ESarea, WA&B area, P.U. allotment

3550

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Transportation Network

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 1%

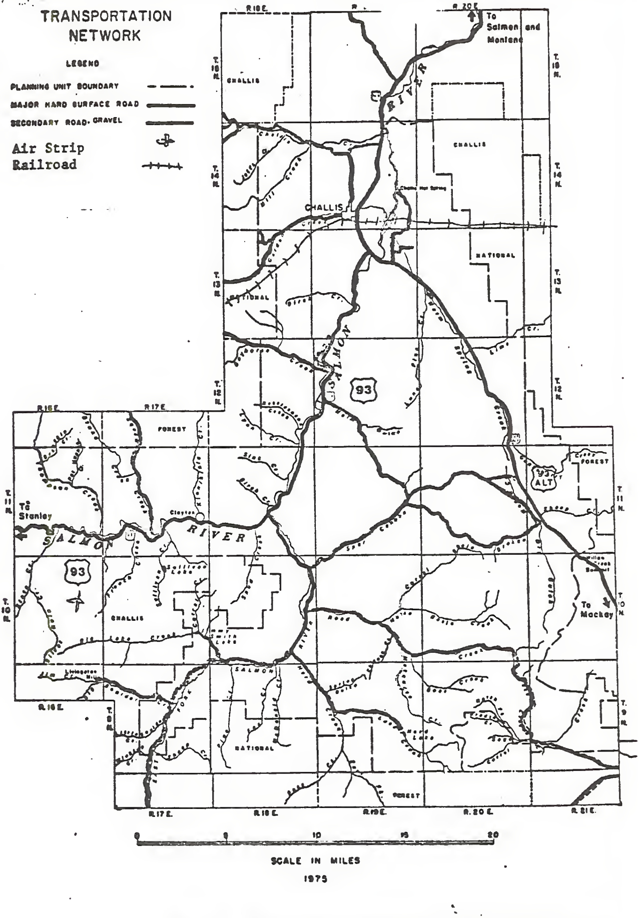
SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See sample

REMARKS: None

TABLE 3550



MAP 2-9 TRANSPORTATION NETWORK IN CHALLIS UNIT AREA.

476

R6-106-3.

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3560

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Other Land and Resources Overlay

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing any other land and resource uses not displayed elswhere

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES and activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated or as ES or activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

477

3560

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Other Land and REsources Overlay

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 1000 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 1%

SCALE: Same as base map

ANNOTATIONS: None

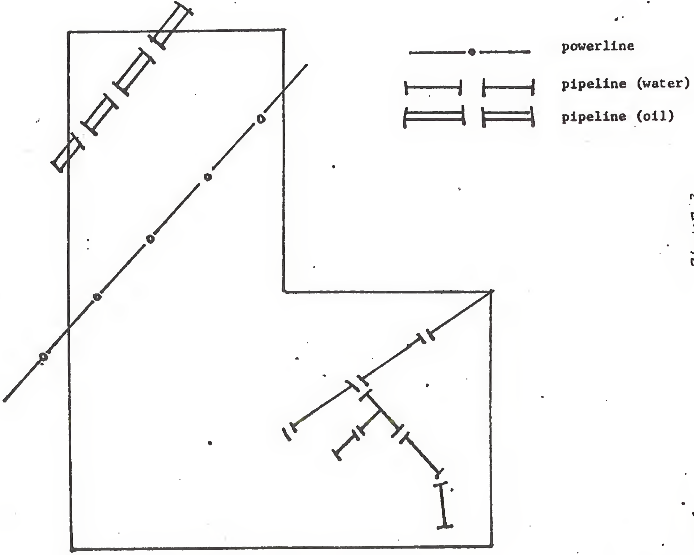
LEGEND: See sample

REMARKS: None

TABLE 3560

OTHER LAND AND RESOURCE USES

Grazing es area
P.U.
District
State



R6-107-3

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3570

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Ten Year Population Change

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table listing the number of people and percent of change in last ten years for both urban and rural areas

USER(s): Resource Area Managers and Staff; District Manager and Staff LOCATION(s): Area Office; District Office

USAGE: Used in planning systems, ES

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated or as ES preapred

REQUEST PARAMETERS: District, RA, ES area

3570

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Ten Year Population Change

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

TABLE: 3570

TEN YEAR POPULATION CHANGES

AREA	POPULATION			
	URBAN		RURAL	
	NUMBER OF PEOPLE	PERCNT CHANGE IN IN LAST TEN YEARS	NUMBER OF POEPLE	PERCENT CHANGE IN LAST TEN YEARS
ES AREA AND ANY INCLUDED TOWNS	-0-	-0-	50	- 10%
ADJACENT TOWNS AFFECTED BY LIVESTOCK INDUSTRY IN ES AREA				
CUBA	2030	+5%		
SAMYSIDRO	230	-5%		

R6-108-3

482

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3572

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Earnings by Major Economic Sector

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the earnings of all segments of the population

USER(s): Resource Area Manger and Staff; District Manager and Staff LOCATION(s): Area Office; District Office

USAGE: Used in planning system and ES

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually and repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated or ES written

REQUEST PARAMETERS: District, RA, ES area

483

3572

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Earnings by Major Economic Sector

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

484

Table 3572

EARNINGS BY MAJOR ECONOMIC SECTOR

	County	ES Area	State
		(Thousands of Dollars)	
Total Labor & Proprietor's Earnings			
By Industry			
Agricultural			
Nonagricultural			
Private			
Manufacturing			
Mining			
Contract Construction			
Wholesale & Retail Trade			
Finance, Insurance & Real Estate			
Transportation, Communications & Public Utilities			
Services			
Recreation			
Other			
Government			
Federal Civilian			
Federal, Military			
State and Local			

R6-109-3

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3574

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Agriculture Income

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the income from the various agricultural products by county, State and ES area

USER(s): Resource area manager and staff; district manager and staff LOCATION(s): Area office; District office

USAGE: Used in planning system, ES

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 10 years or as requested

DEPENDENCIES: As URA prepared or updated or ES wirtten

REQUEST PARAMETERS: District, RA, ES area

R6-110-1

3574

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Agriculture Income

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

Table 3574a

AGRICULTURAL INCOME
(By County)

(In thousands of dollars)

Source	1965	1966	1967	1968	1969	1970	1971	1972
Cattle and calves	1,717	1,778	1,452	1,537	1,574	1,890	2,036	2,775
Sheep	257	238	234	270	326	293	277	247
Hogs	74	75	59	53	54	54	51	62
Dairy products	70	76	74	72	69	77	84	92
Poultry and eggs	5	5	3	2	2	2	2	1
Wool	53	64	39	51	64	64	41	60
Other Livestock	32	37	32	35	35	31	33	39
Livestock products	2,208	2,273	1,893	2,000	2,124	2,411	2,524	3,276
Wheat	123	117	116	79	97	77	70	61
Barley	143	84	88	90	83	121	180	191
Other grain	26	20	20	24	30	41	34	28
Hay	304	416	296	290	403	378	462	517
Potatoes	490	469	400	473	684	602	494	411
Dry beans	0	0	0	0	0	0	0	0
Dry peas	0	0	0	0	0	0	0	0
Other vegetables	0	0	0	0	0	0	0	0
Sugar beets	4	0	0	0	0	0	0	0
Seedcrops	1	1	3	3	3	3	3	1
Other crops	2	0	4	2	0	1	17	28
Total crops	1,093	1,107	927	961	1,300	1,223	1,260	1,237
Fruits and nuts	0	0	0	0	0	0	0	0
Cash receipts from all commodities	3,301	3,380	2,820	2,981	3,424	3,634	3,784	4,313
Goverment payments	93	174	125	113	205	159	219	274
Nonmoney income	297	281	291	297	311	326	355	382
Other farm income	22	23	27	29	31	30	36	37
Total realized farm income	3,713	3,858	3,263	3,420	3,971	4,149	4,394	5,206
Operating expenses	1,891	1,940	1,959	1,967	2,211	2,388	2,493	2,713
Depreciation and repairs	606	634	673	694	719	730	798	848
Taxes on farm property	181	187	200	203	193	207	224	232
Interest on mortgage debt	263	287	318	352	377	407	457	515
Net rent to nonfarm landlords	42	59	61	74	78	84	83	120
Total production expenses	2,983	3,107	3,211	3,290	3,578	3,816	4,055	4,428
Realized net farm income	730	751	52	130	393	333	339	778
Net change in farm inventories	194	(276)	384	(29)	245	180	45	22
Total net farm income	924	475	436	101	638	513	384	800

Table 3574b

AGRICULTURAL INCOME
BY ES Area

(In thousands of dollars)

Source	1965	1966	1967	1968	1969	1970	1971	1972
Cattle and calves	1,717	1,778	1,452	1,537	1,574	1,890	2,036	2,775
Sheep	257	238	234	270	326	293	277	247
Hogs	74	75	59	33	54	54	51	62
Dairy products	70	76	74	72	69	77	84	92
Poultry and eggs	5	5	3	2	2	2	2	1
Wool	53	64	39	51	64	64	41	60
Other Livestock	32	37	32	35	35	31	33	39
Livestock products	2,208	2,273	1,893	2,000	2,124	2,411	2,524	3,276
Wheat	123	117	116	79	97	77	70	61
Barley	143	84	88	90	83	121	180	191
Other grain	26	20	20	24	30	41	34	78
Hay	304	416	296	290	403	378	462	517
Potatoes	490	469	400	473	684	602	494	411
Dry beans	0	0	0	0	0	0	0	0
Dry peas	0	0	0	0	0	0	0	0
Other vegetables	0	0	0	0	0	0	0	0
Sugar beets	4	0	0	0	0	0	0	0
Seedcrops	1	1	3	3	3	3	3	1
Other crops	2	0	4	2	0	1	17	28
Total crops	1,093	1,107	927	961	1,300	1,223	1,260	1,237
Fruits and nuts	0	0	0	0	0	0	0	0
Cash receipts from all commodities	3,301	3,380	2,820	2,981	3,424	3,634	3,784	4,513
Goverment payments	93	174	125	113	205	159	219	274
Nonmoney income	297	281	291	297	311	326	355	382
Other farm income	22	23	27	29	31	30	36	37
Total realized farm income	3,713	3,858	3,263	3,420	3,971	4,149	4,394	5,206
Operating expenses	1,891	1,940	1,959	1,967	2,211	2,388	2,493	2,713
Depreciation and repairs	606	634	673	694	719	730	798	848
Taxes on farm property	181	187	200	203	193	207	224	232
Interest on mortgage debt	263	287	318	352	377	407	457	515
Net rent to nonfarm landlords	42	59	61	74	78	84	83	120
Total production expenses	2,983	3,107	3,211	3,290	3,578	3,816	4,055	4,428
Realized net farm income	730	751	52	130	393	333	339	778
Net change in farm inventories	194	(276)	384	(29)	245	180	45	22
Total net farm income	924	475	436	101	638	513	384	800

R6-110-4

Table 3574c

AGRICULTURAL INCOME
BY STATE

(In thousands of dollars)

Source	1965	1966	1967	1968	1969	1970	1971	1972
Cattle and calves	1,717	1,778	1,452	1,537	1,574	1,890	2,036	2,775
Sheep	257	238	234	270	326	293	277	247
Hogs	74	75	59	53	54	54	51	62
Dairy products	70	76	74	72	69	77	84	92
Poultry and eggs	5	5	3	2	2	2	2	1
Wool	53	64	39	51	64	64	41	60
Other Livestock	32	37	32	35	35	31	33	39
Livestock products	2,208	2,273	1,893	2,000	2,124	2,411	2,524	3,276
Wheat	123	117	116	79	97	77	70	61
Barley	143	84	88	90	83	121	180	191
Other grain	26	20	20	24	30	41	34	28
Hay	304	416	296	290	403	378	462	517
Potatoes	490	469	400	473	684	602	494	411
Dry beans	0	0	0	0	0	0	0	0
Dry peas	0	0	0	0	0	0	0	0
Other vegetables	0	0	0	0	0	0	0	0
Sugar beets	4	0	0	0	0	0	0	0
Seedcrops	1	1	3	3	3	3	3	1
Other crops	2	0	4	2	0	1	17	28
Total crops	1,093	1,107	927	961	1,300	1,223	1,260	1,237
Fruits and nuts	0	0	0	0	0	0	0	0
Cash receipts from all commodities	3,301	3,380	2,820	2,981	3,424	3,634	3,784	4,313
Goverment payments	93	174	125	113	205	159	219	274
Nonmoney income	297	281	291	297	311	326	355	382
Other farm income	22	23	27	29	31	30	36	37
Total realized farm income	3,713	3,858	3,263	3,420	3,971	4,149	4,394	5,206
Operating expenses	1,891	1,940	1,959	1,967	2,211	2,388	2,493	2,713
Depreciation and repairs	606	634	673	694	719	730	798	848
Taxes on farm property	181	187	200	203	193	207	224	232
Interest on mortgage debt	263	287	318	352	377	407	457	515
Net rent to nonfarm landlords	42	59	61	74	78	84	83	120
Total production expenses	2,983	3,107	3,211	3,290	3,578	3,816	4,055	4,428
Realized net farm income	730	751	52	130	393	333	339	778
Net change in farm inventories	194	(276)	384	(29)	245	180	45	22
Total net farm income	924	475	436	101	638	513	384	800

RC-110-5

490

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 18 Aug 77

3576

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Agricultural Employment by major Economic Sector

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the number of people employed in the different sectors of agriculture by county, state and ES area

USER(s): Resource Area Manager and staff; District Manger and staff LOCATION(s): Area Office; District Office

USAGE: Used in planning system and ES

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually, Repeat ebery 10 years or as requested

DEPENDENCIES: As URA prepared or updated or as ES prepared

REQUEST PARAMETERS: District, Ra, ES area

3576

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Agricultural Employment by Major Economic Sector

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 100 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

TABLE: 3576

AGRICULTURAL EMPLOYMENT BY MAJOR ECONOMIC SECTOR

INDUSTRY	NUMBER OF PEOPLE EMPLOYED		
	COUNTY	ES AREA	STATE
LIVESTOCK			
CATTLE			
SHEEP			
HOGS			
ETC.			
CROP			
GRAINS			
HAY			
POTATOES			
BEANS			
ETC.			

R6-111-3

493

Prog. Area: 0137 - WH8B
Prep. By: JC/NW
Date: 8/18/77

OUTPUT DESCRIPTION
Page 1 of 2

3580

OUTPUT TITLE: WH8B Band Observations

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing the location of WH or B bands when observed, the observation number and date of observation.

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager and Staff	District Office

USAGE:

Used in planning system, ES, actibity plans and WH8B management

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Quarterly & annually by years of records

DEPENDENCIES:

As requested

REQUEST PARAMETERS:

Dist., RA WH8B Area ES Area P.U. Allotment

3580

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH8B Band Observations

SORT ORDER: Dist., RA WH8B Area ES Area P.U. Allotment

ESTIMATED VOLUME: 5000 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: Within 1%

SCALE: Same as Base Map

ANNOTATIONS: None

LEGEND: See Sample

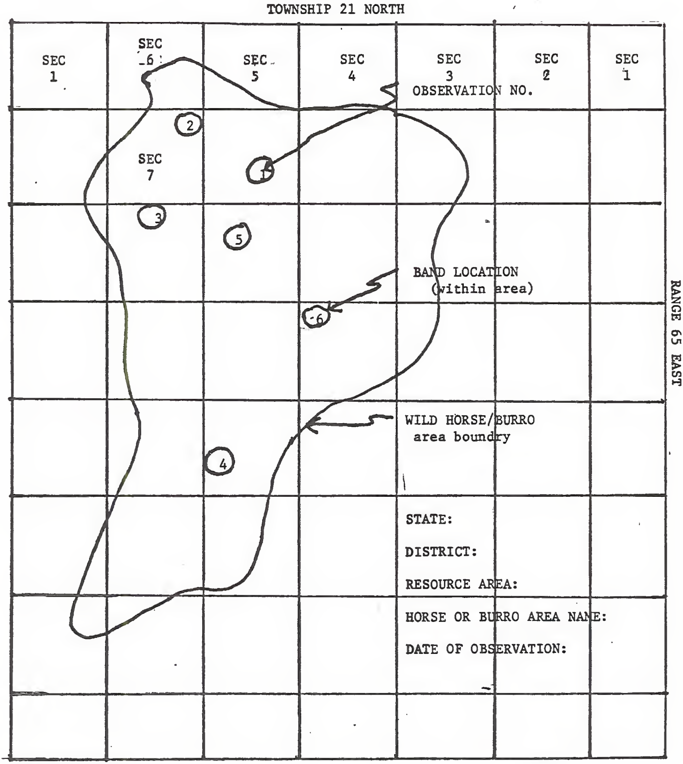
REMARKS: Suggest this form be revised to show an accumulation of sightings by band by date.

EX. 1a 2a
1G
1d 2G
2d
1C 2C

Band No. 1
Observation date Jan 15 - a
Observation date Feb 2 - b

TABLE: #3580

WH&B BAND OBSERVATION
MAP OVERLAY-WILD HORSE/BURRO AREA



STATE:

DISTRICT:

RESOURCE AREA:

HORSE OR BURRO AREA NAME:

DATE OF OBSERVATION:

3582

Prog. Area: 0137 - WH8B
Prep. By: JC/NW
Date: 8/19/77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH8B Population Data

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving detailed data on age class, age structure, sex rates, color in numbers and percent

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE:

Use in planning system, ES Activity Plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Annually for 140 WH8B areas or as requested

DEPENDENCIES: As requested

REQUEST PARAMETERS: Dist. RA WH8B Area

497

3582

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH8B Population Data

SORT ORDER: Dist. RA, WH8B Area, ES Area, P.U. Allotment

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES:
See data element dictionary

ACCURACY:
N/A

SCALE:
N/A

ANNOTATIONS:
N/A

LEGEND:
N/A

REMARKS:

R6-113-2

3587

BUREAU OF LAND MANAGEMENT
DSC-1265-100
March-1969

Output # 2.

REPORT LAYOUT FORM

8 LINES PER INCH

PROGRAM Resource Inventory WH+B 0137
4.2.2.2.1

PAGE

DATE 11/15/76

State	District	RA	PU	WH+B Area Name	WH+B No.	Inventory Data

WH&B POPULATION DATA

Total Animals	Total Marked Animals	Total Marked Animals Counted	Population Estimate	Confidence limit		Age Class			Foals/100 Adults	Yearlings/100 Adults	Mortality Foals	
				< 50 marked animals	> 50 marked animals	Total Adults	Total yearlings	Total Foals			%	No
XXXX	XXX	XXX	XXXX	XXXXX	XXXXX	XXXX	XXX	XXX	XX	XX	XX	XXX

Age Structure

Age	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20+
Number	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Percent	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX

Average Annual Mortality		Confidence limits		Population Change		Total No. Bands	Average Band Size	Sex Ratio						Projected Population No.	AVERAGE ANNUAL Population Change %	POPULATION REDUCTION
%	No	< 50 MARKED ANIMALS	> 50 MARKED ANIMALS	%	No.			Adults		yearlings		Foals				
XX	XXX	XXXX	XXXX	XX	XXX	XXX	XX	XX	XX	XX	XX	XX	XX	XX	XX	

Percent of Animals by Color

Sdp	Red	Tan	WHT	Bay	Spr	Bks	Gru	Pal	Rdr	Blr	Pto	Gry	Blk	Brn
XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX

R6-113-3

499

Prog. Area: 0137 - WH8B
Prep. By: JC/NW
Date: 8/19/77

3584

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH8B Age Structure

OUTPUT FORM:

Graph

OUTPUT DESCRIPTION: A graph showing the age structure of WH8B by WH or B Area.

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office

USAGE:

Used in planning system, ES, Activity Plans, Management of herd

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

Annually or as requested

DEPENDENCIES:

As requested

REQUEST PARAMETERS:

Dist., RA, ES Area, WH8B Area

500

R6-114-1

8584

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH8B Age Structure

SORT ORDER: Dist., RA, ES Area WH&B Area, PU, Allotment

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES: See data element dictionary

ACCURACY: Within 2%

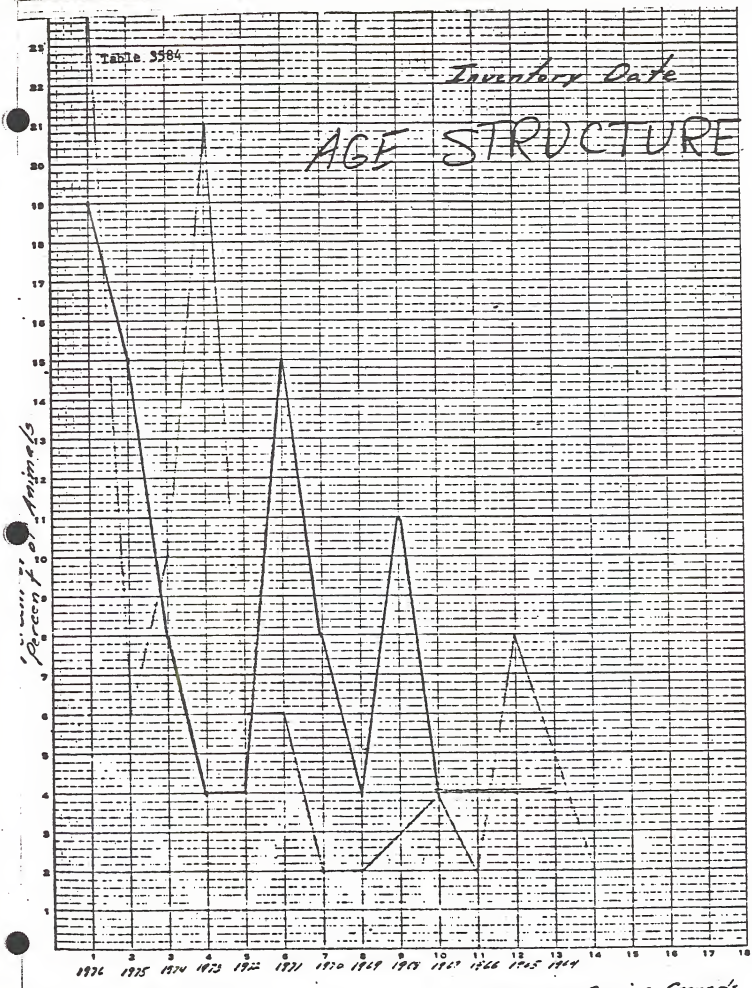
SCALE: N/A

ANNOTATIONS: N/A

LEGEND: See Sample

REMARKS:

R6-114-2



——— Dugway Proving Grounds
——— Stone Cabin Valley

502 Output #3 R6-114-3

Prog. Area: 0137 - WH8B
Prep. By: JC/NW
Date: 8/19/77

3586

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH8B Projected Population Change Over Time

OUTPUT FORM: Graph

OUTPUT DESCRIPTION: A graph showing projected number of WH8B on vertical axis and calender years on horizontal axis

USER(s):	Resource Area Manager & Staff District Manager & Staff	LOCATION(s):	Area Office District Office

USAGE:

Need in Planning System, E.S., Activity plans and WH8B Management

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Annually or as requested

DEPENDENCIES: As requested

REQUEST PARAMETERS: Dist., RA, ES Area, WH8B Area

OUTPUT DESCRIPTION
Page 2 of 2

3586

OUTPUT TITLE: WH8B Projected Population Change Over Time

SORT ORDER: Dist. RA, ES Area, WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES: See data element dictionary

ACCURACY: Within 2%

SCALE: N/A

ANNOTATIONS: N/A

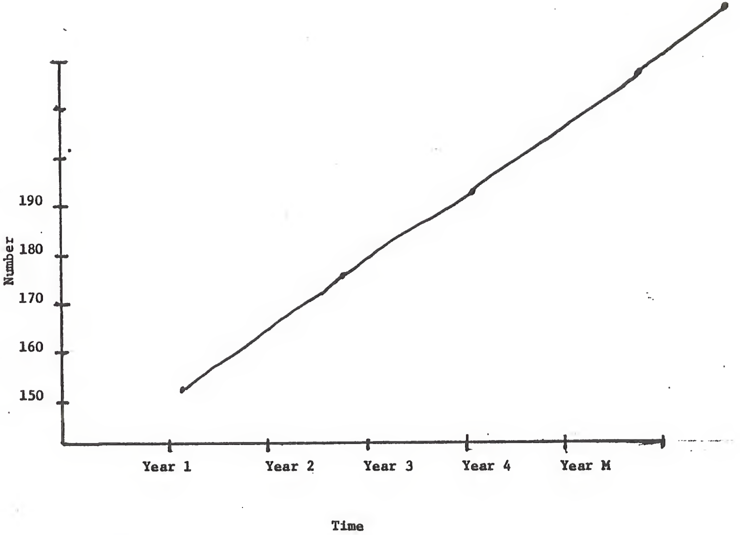
LEGEND: N/A

REMARKS:

504

Table 3586

PROJECTED POPULATION CHANGE OVER TIME



Prog. Area: 0137 - WH8B
Prep. By: JC/NW
Date: 8/19/77

3588

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH8B Age Groupings

OUTPUT FORM: Graph

OUTPUT DESCRIPTION: A graph divided vertically in ascending order by age group - the width of vertical division depicts percent in each age group

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE: Used in planning system, ES, Activity Plans, WH8B Management

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Annually or as requested

DEPENDENCIES: As requested

REQUEST PARAMETERS: Dist. RA, ES Area WH8B Area

3588

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH8B Age Groupings

SORT ORDER: Dist. RA, ES Area, WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES:

See data element dictionary

ACCURACY: Within 2%

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

3588

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH8B Age Groupings

SORT ORDER: Dist. RA, ES Area, WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 200 pages annually

COMPUTATIONS/PROCESSES:

See data element dictionary

ACCURACY: Within 2%

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

TABLE #3588

WH&B AGE GROUPING & % OF EACH GROUP
GRAPH SHOWING

STATE

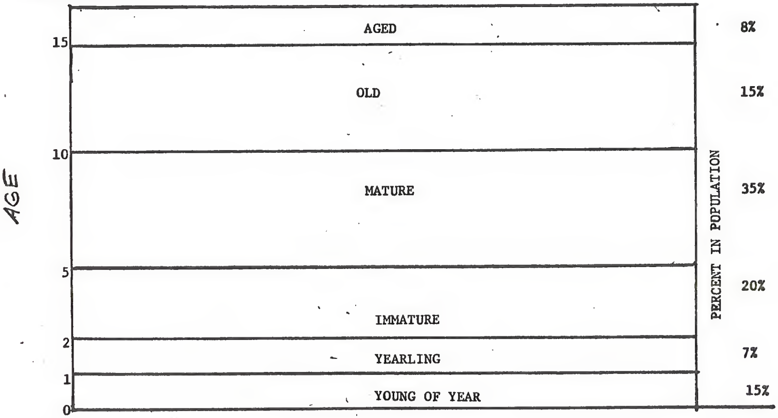
DISTRICT

R A

P.U.

WH&B NAME

WH&B NUMBER



R6-116-3

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/19/77

3590

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH8B Sex Ratio and Band Size

OUTPUT FORM: Graph

OUTPUT DESCRIPTION: A graph with the percent females and average band size on vertical axis and calender years on the horizontal producing two graphic lines

USER(s):		LOCATION(s):
Resource Area Manager & Staff		Area Office
District Manager & Staff		District Office

USAGE:

Used in Planning System, ES, Activity Plans and WH8B Management

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Annually or as requested

DEPENDENCIES: As requested

REQUEST PARAMETERS: Dist., RA ES Area, WH8B Area

OUTPUT DESCRIPTION
Page 2 of 2

3590

OUTPUT TITLE:
WH8B Sex Ratio and Band Size

SORT ORDER: Dist., RA, ES Area, WH8B Area P.U. Allotments

ESTIMATED VOLUME:
200 pages annually

COMPUTATIONS/PROCESSES:
See data element dictionary

ACCURACY: Within 2%

SCALE:
N/A

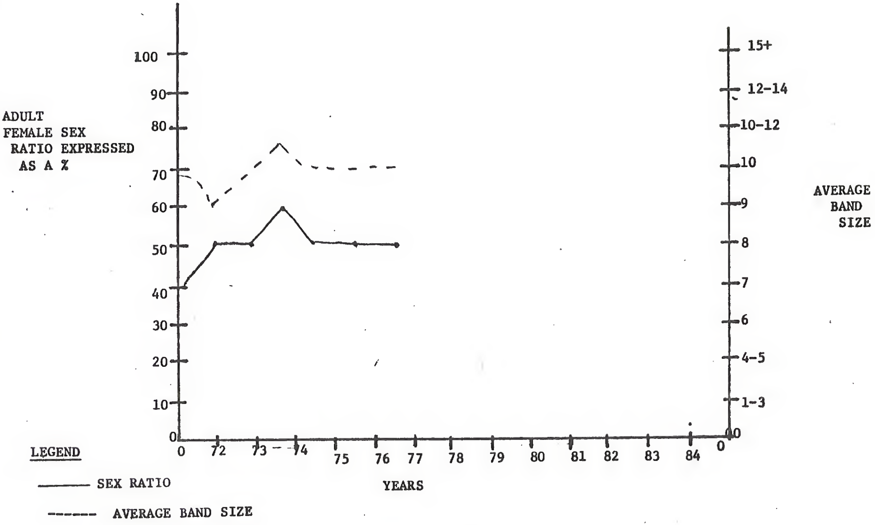
ANNOTATIONS:
None

LEGEND:
See sample

REMARKS:

TABLE #3590

WH&B SEX RATIO AND BAND SIZE
SAMPLE OF GRAPH TO SHOW



R6-117-3

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/19/77

3592

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH8B Yearlings and foals per 100 adults over time

OUTPUT FORM:
Graph

OUTPUT DESCRIPTION:
A graph with the number of yearlings and foals per 100 adults or vertical axis and calender years on horizontal producing two graphic lines

USER(s):	Resource Area Manager & Staff District Manager & Staff	LOCATION(s):	Area Office District Office

USAGE:

Used in planning system, ES, Activity plans and WH8B Management

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:
Annually or as requested

DEPENDENCIES:
As requested

REQUEST PARAMETERS: Dist. RA, ES Area, WH8B Area

R6-118-1

5/12

OUTPUT DESCRIPTION
Page 2 of 2

3592

OUTPUT TITLE: WH8B Yearlings and Foals per 100 Adults over time

SORT ORDER:
Dist., RA, ES Area, WH8B Area, PU, Allotment

ESTIMATED VOLUME:
200 pages annually

COMPUTATIONS/PROCESSES:
See Data Element Dictionary

ACCURACY: Within 2%

SCALE: N/A

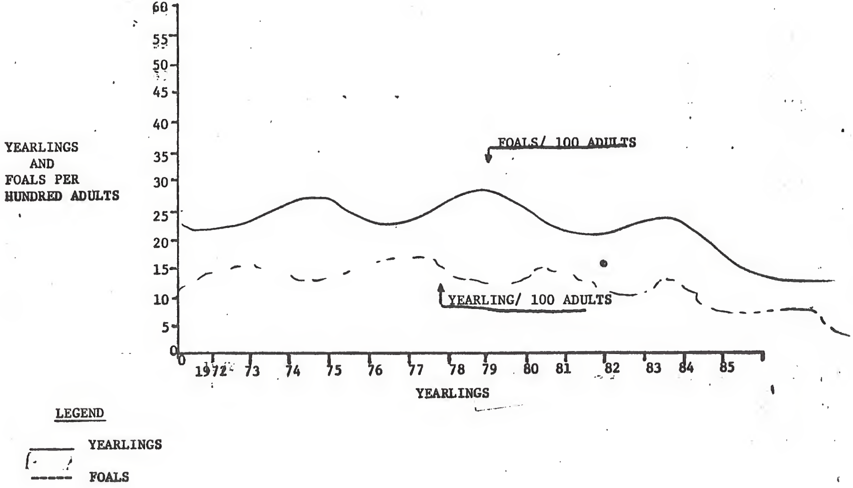
ANNOTATIONS:
None

LEGEND:
See Sample

REMARKS:

TABLE #3592

GRAPH SHOWING: WH&B YEARLINGS AND FOALS PER HUNDRED ADULTS OVER TIME.



Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/19/77

3594

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH8B Percent Mortality over time

OUTPUT FORM: Graph

OUTPUT DESCRIPTION: A graph with percent mortality on the vertical axis and years of record along the horizontal

USER(s):	Resource Area Manager & Staff District Manager & Staff	LOCATION(s):	Area Office District Office

USAGE: Used in planning system, ES, Activity Plans and WH8B Management

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Annually or as requested

DEPENDENCIES: As requested

REQUEST PARAMETERS: Dist., RA, ES Area, WH8B Area

5/5

OUTPUT DESCRIPTION
Page 2 of 2

3594

OUTPUT TITLE: WH8B Percent Mortality Over Time

SORT ORDER:
Dist., RA, ES Area, WH8B Area, P.U., Allotment

ESTIMATED VOLUME:
200 pages annually

COMPUTATIONS/PROCESSES:
See data element

ACCURACY:
Within 2%

SCALE:
N/A

ANNOTATIONS:
None

LEGEND:

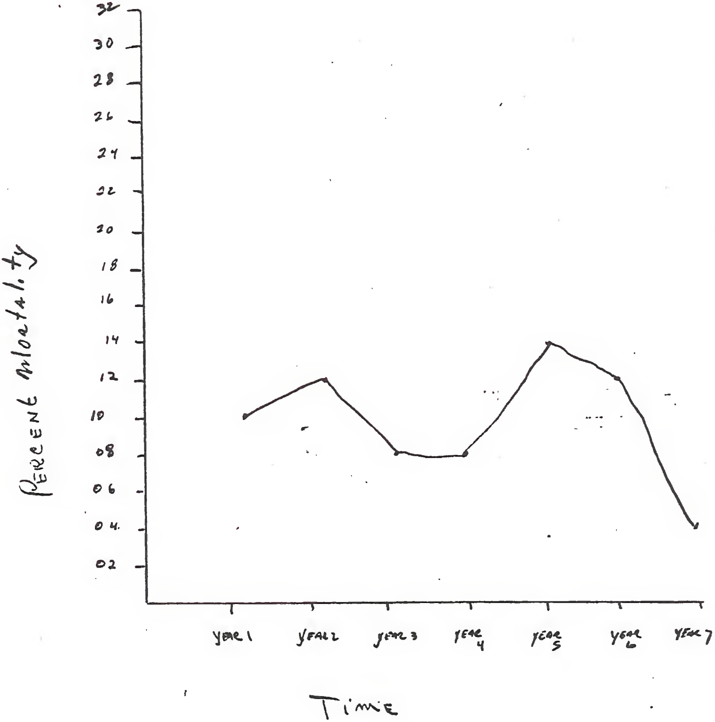
See Sample

REMARKS:

#3594 WH&C Percent Mortality Over Time

~~Output# VIII~~

~~4.2.2.2.1~~



517

R6-119-3

Prog. Area: 0137 - WH8B
Prep. By: JC/NW
Date: 8/19/77

3600

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH8B Home Range

OUTPUT FORM: Overlay

OUTPUT DESCRIPTION: An overlay depicting the WH or B area, herd management areas, and band home ranges.

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office

USAGE: Used in planning system, ES, activity plans, herd management

ACCESS LIMITATIONS: None

RESPONSE TIMES:	DESIRED:	REQUIRED:
	2 days	1 week

FREQUENCY OF PRODUCTION: Once initially repeat every 5 years or as requested

DEPENDENCIES: As requested

REQUEST PARAMETERS: Dist., RA, ES Area, WH8B Area

3600

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH8B Home Range

SORT ORDER: Dist., RA, ES Area, WH8B Area, PU Allotment

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY:

Within 1%

SCALE:

Same as base map

ANNOTATIONS:

None

LEGEND:

See samples

REMARKS:

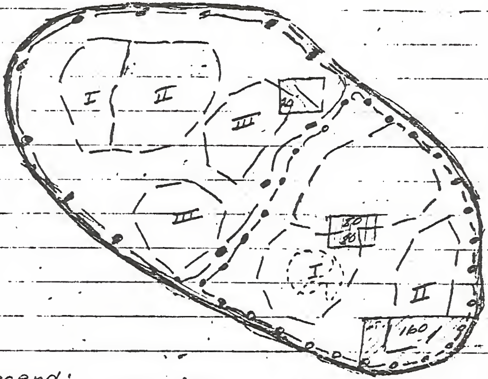
#3600

WILD HORSE (OR BURRO) HOME RANGES

STATE
DISTRICT
R. A.
P. U.
WH (OR BURRO) AREA NAME
WH (OR BURRO) AREA NUMBER

Month: ______

Year: ______



Legend:

●—● (Name) Herd Mgm't Area, No. x
●-●-● (Name) Herd Mgm't Area, No. x
I Band Number, Home Range
WH (or Burro) Area
100,000 NRL, acres
300 Other Federal-acres
160 State, Acres
160 Other, Acres
---- Trails

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/19/77

3602

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Tabulation of Home Ranges

OUTPUT FORM:

Printout

OUTPUT DESCRIPTION: A table showing the acreages of Public Land, other federal, state and other land by home ranges of bands of WH or B

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office

USAGE:

Used in planning system, ES, and activity plans and WH8B Managements

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

Once initially. Repeat every 5 years or as requested

DEPENDENCIES:

As requested

REQUEST PARAMETERS:

Dist, RA, ES Area, WH8B Area

521

R6-121-1

3602

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Tabulation of Home Ranges

SORT ORDER: Dist, RA ES Area, WH8B Area, P.U. allotment

ESTIMATED VOLUME:

40 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY:

N/A

SCALE:

N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

Check output #3210 for replacement of this table

Interior [illegible] 4222231
[illegible] Output #2
#3602 March 1969
PROGRAM Resource Inventory 0137

REPORT LAYOUT FORM

Config #II

6 LINES PER INCH

PAGE

4.222231

DATE 1/11/77

```
                                                TABULATION OF HOME RANGES
1  State
2  District
3  RA
4  PU
5  WILD HORSE  OR BURRO AREA NAME
6  WILD HORSE  OR BURRO AREA NUMBER     X———X HERD MANAGEMENT AREA, NUMERIC X———X
7
8
9  BAND NO.    ACREAGE   ACREAGE   ACREAGE     ACREAGE   ACREAGE   ANIMALS
10             TYPE I    NRL       OTHER FED.  STATE     OTHER     NO.
11
12    I
13
14    II
15
16
17
18
19  TOTAL
20
21                      X———X HERD MANAGEMENT AREA, NUMERIC X———X
```

R6-121-3

523

Prog. Area: 0132 - ES
Prep. By: JC/NW
Date: 17 Aug 77

3608

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Percentages of Forage Categories in Animal Diets

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving the percent land species, genera or form in the total diet of each species of animal for each season.

USER(s): Resource Area Manager and Staff, District Area Manager and Staff LOCATION(s): Area Office, District Office

USAGE: Used in planning system, proper use tables, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially for 1/10 of BLM annually. Repeat every 5 years or as requested.

DEPENDENCIES: As URA prepared or updated, or as ES activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U., allotment

524

R6-122-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Percentages of Forage Categories in Animal Diets

SORT ORDER: same as for request parameters

ESTIMATED VOLUME: 500 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

TABLE 3608 PERCENTAGE OF FORAGE CATEGORIES OF ANIMALS

Percentages of forage categories in the diets of wild horses, cattle, sheep and prohghorns determined by the microhistological analysis of feces technique (400 fields at 100X were examined per sample); Ely District Nevada

	Horses					Cattle		Sheep		Antelope				
	Spring	Summer	Fall	Winter	Composite	Summer	Composite	Fall	Winter	Spring	Summer	Fall	Winter	Compos
Three awn (Aristida)						.34								
Blue grama (Bouteloua gracilis)		1.38	.06		1.89	.17	2.87							
Cheatgrass Bromus tectorum)	2.03					.08		.13						
Sedge (Carex)	1.12	.16			.24		.15							
Wild rye (Elymus)	9.16	.51	.28		.40	.68	.77							
Galleta (Hilaria Jamesii)	2.88	41.40	5.26	8.55	22.18	63.67	62.06	.03	2.10		.23		.06	
Indian ricegrass (Oryzops hymenoides)	14.30	10.52	1.76	2.64	10.96	2.80	3.37	.23	.21	.20	1.92			
Squirrel tail (Sitanion hystrix)	12.26	1.04	1.24	.87	1.14	.85	3.29	.20	.47		.31			
Dropseed (Sporobolus)	.58	1.68	.89	.74	7.34	9.77	5.85		.05					
Needlegrass (Stipa)	47.65	5.36	2.46	5.99	30.75	6.35	.93	.20	2.67		2.16			
Unkrown grass	.16			.49	.49		.08			.03				
Wheatgrass Agropyron)								.17						
Sagebrush (Artemisia)	.24							3.25	1.99	16.05	47.24	96.34	11.53	49
Saltbrush (Atriplex)		.31	1.73	7.68	1.64	3.72	3.04	2.21	22.83	1.71	3.18	.03	1.79	1
Balsam root (Balsamorhiza)								.07						
Rubber rabbitbrush (Chrysothamnus nauseosus)						.08								
Douglas rabbitbrush (Chrysothamnus viscidiflorus)											.08		.03	
Tansy Mustard (Descurania)	.32			.49		.51	3.46		.15	81.07	7.59	.03	86.35	49
Mormon Tea (Ephedra)						.51			.05					
Wall flower (Erysimum)				.12										
Wright buckwheat (Eriogonum wrightii)														
Winterfat (Eurotia lanata)	8.03	7.29	86.90	70.45	22.82	7.81	9.57	91.83	68.55	.03	.15			
Halogeton (Halogeton glomeratus)	.32					1.99	1.16	.07	.21					
Spiny Hopsage (Grayia spinosa)								.07		.03				
Juniper (Juniperus Utahensis)							.46							
Opuntia										.44	1.10	3.11	.15	
Phlox (Phlox hoodii)	.39			.25	.24			.27			.08			
Greasewood (Sarcobatus vermiculatus)	.16													
Russian thistle (Salsola Kali)				.12										
Nightshade (Solanum)						.08	.15							
Globe Mallow (Spaeralcea coccinia)						.25	1.23		.31	.14	35.03	.49	.03	
Seed					.08						.15			
Unknown Chenopod		.08			.16									
Unknown Composite (Artemisia type)								1.27		.12				
Unknown Composite	.32									.09				
Unknown Forb		.27	.22	1.24	.08				.05	.06	.39		.06	
Unknown Legume	.08			.37		.34	1.56		.36		.39			
Moss										.03				

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/19/77

3610

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Percent Diet Similarity between herbivores for wild horses

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the diet similarity in percent between various combinations of animal species by month, season and annually.

USER(s):	Resource Area Manager & Staff District Manager & Staff	LOCATION(s):	Area Office District Office State Office

USAGE:

Used in planning system, ES, activity plans, livestock and WH8B management

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every five years or as requested.

DEPENDENCIES:

As fecal analyses are conducted

REQUEST PARAMETERS: Dist, RA, ES Area, WH8B Area, P.U. Allotment

527

R6-123-1

OUTPUT DESCRIPTION
Page 2 of 2

3610

OUTPUT TITLE: Percent diet similarity between herbivores for wild horses

SORT ORDER:
Dist. RA, ES Area, WH8B Area, P.U. Allotment

ESTIMATED VOLUME:
40 pages annually

COMPUTATIONS/PROCESSES:
See attachment to sample or data element dictionary

ACCURACY:
Within 2%

SCALE:
N/A

ANNOTATIONS:
None

LEGEND:
N/A

REMARKS:

528

# 3610
BUREAU OF LAND MANAGEMENT
DSC-1265-400
March 1969

Report Layout Form
6 Lines Per Inch

WHFC- 0137

Cont[illegible]

PROGRAM Resource Inventory 4.2.2.2.2 3.6 PAGE output DATE

STATE
DISTRICT
PU
RA
WH+B+AREA
NO

PERCENT DIET SIMILARITY FOR HERBIVORES BY MONTH SEASON AND ANNUAL
WILD HORSE AREAS

HERBIVORES

SEASON	MONTH	HORSE VS COWS	HORSE VS SHEEP	HORSE VS DEER	HORSE VS ELK	HORSE VS ANTELOPE	COW VS DEER	COW VS ELK	COW VS ANTELOPE
	JUNE								
	JULY								
	AUG								
SUMMER	SEPT								
FALL	OCT								
	NOV								
ANNUAL	DEC								
WINTER	JAN								
	FEB								
	MAR								
SPRING	APR								
	MAY								

SEASON	MONTH	SHEEP VS ANTELOPE	SHEEP VS ELK	SHEEP VS DEER	SHEEP VS COWS	ELK VS DEER	ELK VS ANTELOPE	HORSE VS BURRO
	JUNE							
SUMMER	JULY							
	AUG							
	SEPT							
FALL	OCT							
	NOV							
ANNUAL	DEC							
WINTER	JAN							
	FEB							
	MAR							
SPRING	APRIL							
	MAY							

- __Diet Similarity Between Herbivores__. To compute the similarity between diets of two herbivores on the same habitat, the following formula should be used:

$DS = \frac{\Sigma(2w)}{\Sigma(a+b)}$ - - where - -
w = the smaller of two shared items
a = percent in diet of herbivore No. 1
b = percent in diet of herbivore No. 2

EXAMPLE:

Plant Species	Percent in diet of Antelope (a)	Percent in diet of sheep (b)	2w
Bogr	20	50	40
Spco	10	2	4
OPUN	20	5	10
Chna	40	20	40
Artr	10	23	20
	Σ = 100	Σ = 100	= 114

$DS = \frac{114}{200} = .57$ or - - The diets of Antelope and sheep are 57% similar to each other.

R6-123-3

Prog. Area: 0132-WH8B
Prep. By: JC/NW
Date: 8/19/77

3612

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Percent Diet Similarity between herbivores for wild burros

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the diet similarity in percent between various combinations of animal species by month, season and annual

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): Area Office
District Office
State Office

USAGE: Used in planning system, ES, activity plans, and livestock & WH8B management

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially repeat every five years or as requested

DEPENDENCIES: As ~~final~~ fecal analyses are made

REQUEST PARAMETERS: Dist., RA, ES Area, WH&B Area, P.U., Allotment

5.20

3612

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE:
Percent Diet similarity between herbivores for wild burros

SORT ORDER:
Dist., RA, ES Area, WH&B Area, P.U., Allotment

ESTIMATED VOLUME:
40 pages annually

COMPUTATIONS/PROCESSES:
See attachment to sample #3610 or data element dictionary

ACCURACY:
Within 2%

SCALE:
N/A

ANNOTATIONS:
N/A

LEGEND:
N/A

REMARKS:

R6-124-2

#3612 BUREAU OF LAND [illegible] WH&B - 0137
DSC-1265-[illegible]
March-19[illegible]
PROGRAM Resource Inventory 4222236.

REPORT LAYOUT FORM

[illegible] LINES PER INCH
Outlet

C. Tpack III

DATE

STATE
DISTRICT
RA
RA
WH&B AREA NO

DIET SIMILARITY FOR HERBIVORES BY MONTH, SEASON, ANNUAL
FOR WILD BURROS

BURRO VS COW BURRO VS SHEEP BURRO VS GOAT BURRO VS DEER BURRO VS B.H. SHEEP COW VS SHEEP COW VS GOAT COWS VS DEER

JUNE
JULY
AUG
SEPT
OCT
NOV
ANNUAL
DEC
JAN
FEB
MAR
APR
MAY

COW VS B H SHEEP GOAT VS SHEEP GOAT VS ELK GOAT VS BHSHEEP GOAT VS DEER SHEEP VS BHSHEEP SHEEP VS DEER BHSHEEP VS DEER

JUNE
JULY
AUG
SEPT
OCT
NOV
ANNUAL
DEC
JAN
FEB
MAR
APR
MAY

~~(4)~~(x) Diet Similarity Between Herbivores. To compute the similarity between diets of two herbivores on the same habitat, the following formula should be used:

$$DS = \frac{\Sigma(2w)}{\Sigma(a+b)}$$ - - where - -
w = the smaller of two shared items
a = percent in diet of herbivore No. 1
b = percent in diet of herbivore No. 2

EXAMPLE:

Species ~~of Plant~~ Plant	Percent in diet of Antelope (a)	Percent in diet of sheep (b)	2w
Bogr	20	50	40
Spco	10	2	4
OPUN	20	5	10
Chna	40	20	40
Artr	10	23	20
	Σ = 100	Σ = 100	Σ = ~~100~~ 114

$DS = \frac{114}{200} = .57$ or - - The diets of Antelope and sheep are 57% similar to each other.

R6-124-3

532

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

3614

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Stocking Exchange Rates

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the forage days made available for various herbivores when a particular herbivore is removed from the range.

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): Area Office
District Office
State Office

USAGE:

Used in Planning system, ES, activity plans and management of WH8B and livestock

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested.

DEPENDENCIES:

As fecal analyses are made

REQUEST PARAMETERS:

Dist., RA, ES Area, PU Allotment

533

R6-125-1

3614

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Stocking Exchange Rates

SORT ORDER: Dist., RA, ES Area, P.U. Allotment

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: See attachment to sample or data element dictionary

ACCURACY: Within 2%

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

534

BUREAU OF LAND MANAGEMENT
DSC-1265-400
March-1969

WH+B 0137 **REPORT LAYOUT FORM**
6 LINES PER INCH

Output IV

#3614 PROGRAM Resource Inventory 4.22.2.2.3.6.

Output 4 PAGE ______

DATE ______

STOCKING EXCHANGE RATES

STATE
DISTRICT
PU
RA
WHB AREA NO

FORAGE DAYS USE MADE AVAILABLE BY REMOVAL OF 100 DAYS USE OF ONE HERBIVORE

HERBIVORE REMOVED	HERBIVORE BENEFITTED	HORSE	COW	SHEEP	GOAT	DEER	BURRO	B. H. SHEEP	ELK	ANTELOPE
HORSE			81							
COW		57								
SHEEP										
GOAT										
DEER		41								
BURRO										
B. H. SHEEP										
ANTELOPE										
ELK										

Stocking Exchange Rates are computed to estimate the number of animals in one class of herbivore, for which forage will be made available by the removal of a specified number of another class of herbivore. Stocking exchange rates are not used to establish carrying capacities or stocking rates. The following example depicts the procedure for computing stocking exchange rates between antelope and sheep when both animals make use of the same habitat:

Formula: $SER = \frac{(d)(b)(c)}{a}$, where - -

a = Average Daily Forage Intake Rate for Antelope (1.84 lb/day)
b = Average Daily Forage Intake Rate for Sheep (1.63 lb/day)
c = Diets of Antelope and sheep are 21% similar to each other
d = One hundred (100) sheep days use are to be removed to make more forage available to antelope.

Computation:

$\frac{(100)(1.63)(.21)}{1.84} = 18.6$ - - or, removal of 100 sheep days use will make 18.6 antelope days use available.

Habitat Suitability is a comparison between percent composition of vegetative species in the diet and percent composition of vegetative species in the habitat. Habitat suitability will indicate the percent suitability or compatibility of the plant composition in the diet to the botanical composition of the feeding habitat, i.e., which animal is more efficiently adapted to a particular habitat. Habitat suitability can be computed by use of the following formula:

$HS = \frac{\Sigma(2w)}{\Sigma(a+b)}$ = where - -
w = The smaller of two shared items
a = percent composition of vegetation in the diet
b = percent composition of vegetation in the habitat.

R6-125-3

535

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

3616

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Diet Similarity Between Ranges

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing the percent in diets in each range and the percent diet similarity in two ranges by plant species and between all plant species

USER(s):
Resource area Manager & Staff
District Manager to Staff

LOCATION(s):
Area Office
District Office
State Office

USAGE:
Use in planning system, ES, activity plans, and management of WH8B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:
Once initially, repeat every 5 years or as requested.

DEPENDENCIES:
As fecal analyses are made or as requested

REQUEST PARAMETERS:
Dist., RA, ES Area, WH8B Area, PU, Allotment

R6-126-1

536

3616

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE:
Diet Similarity Between RAnges

SORT ORDER:
Dist., RA, ES Area, WH8B Area, PU, Allotment

ESTIMATED VOLUME:
40 pages annually

COMPUTATIONS/PROCESSES:
See attachment to output form or data element dictionary

ACCURACY:
Within 2%

SCALE:
N/A

ANNOTATIONS:
N/A

LEGEND:
N/A

REMARKS:

537

R6-126-2

BUREAU OF LAND MANAGEMENT
DSC-1265-100
March-1969

REPORT LAYOUT FORM

6 LINES PER INCH

Output V

#3616 PROGRAM Resource Inventory 4.22222.3.6.

PAGE

DATE

1 STATE
2 DISTRICT
3 PA
4 RA
5 WH+B AREA
6 NO

DIET SIMILARITY BETWEEN RANGES

	WILD HORSE RANGE 1	WILD HORSE RANGE 2	2W	DIET SIMILARITY
PLANT SPECIES	PERCENT IN DIET	PERCENT IN DIET		PERCENT
BROME	10	30	20	67

EXAMPLE:

	Wild Horse Range 1	Wild Horse Range 2	
Species of Plant	Percent in Diet	Percent in Diet	2w
Brome	10	30	20
Wheatgrass	25	40	50
Fescue	--	10	0
Ricegrass	45	--	0
Sage	--	5	0
Winterfat	--	10	0
Rabbitbrush	5	2	4
Legumes	10	1	2
Other Forbs	5	2	4
	$\Sigma = 100$	$\Sigma = 100$	$\Sigma = 80$

$DS = \frac{80}{200} = .40$, or - - The diets of wild horses on range No. 1 and 2 are 40% similar to each other.

Diet Similarity Between Habitats. To compute the similarity between diets of a particular class of herbivore on two separate habitats, the following formula should be used:

$DS = \frac{\Sigma (2w)}{\Sigma (a+b)}$ - - where - -

w = the smaller of two shared items
a = percent in diet on habitat No. 1
b = percent in diet on habitat No. 2

R6-126-3

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

3618

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Diet Similarity Between Seasons

OUTPUT FORM: Printout

OUTPUT DESCRIPTION:

A table showing the percent of plant species in the diet of an animal species in two different grazing seasons with the percent similarity of each plants species and all plant species.

USER(s):
Resource Area Manager & Staff
District Manager & Staff

LOCATION(s):
Area Office
District Office
State Office

USAGE:
Used in Planning System, ES, Activity Plans, and Management of WH8B and livestock.

ACCESS LIMITATIONS:
None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every 5 years or as requested.

DEPENDENCIES:
As fecal analyses are made, or as requested.

REQUEST PARAMETERS:
Dist., RA, ES Area, WH8B Area, P.U. Allotment

R6-127-1

539

OUTPUT DESCRIPTION
Page 2 of 2

3618

OUTPUT TITLE: Diet Similarity Between Seasons

SORT ORDER: Dist., RA, ES Area, WH8B Area, P.U. Allotment

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES:
See attachment to output form #3616 or data element dictionary

ACCURACY: Within 2%

SCALE:
N/A

ANNOTATIONS:
N/A

LEGEND:
N/A

REMARKS:

#3618

Output VI

PLANT SPECIES	PERCENT IN CATTLE DIET WINTER	PERCENT IN CATTLE DIET SUMMER	2W
WHEATGRASS	25	7	14
SUM	100	100	70

DS = 70/100 = .35 = 35% SIMILARITY

Diet Similarity Between Seasons. To compute the similarity of diets for one class of herbivore on the same habitat during different seasons, the following formula should be used:

$$DS = \frac{\Sigma(2w)}{\Sigma(a+b)}$$ – – where – –

w = the smaller of two shared items
a = percent in diet during season No. 1
b = percent in diet during season No. 2

DIET SIMILARITY BETWEEN SEASONS

EXAMPLE:

Species of Plant	Percent in Cattle Diet Mid-Winter	Percent in Cattle Diet Mid-Summer	2w
Wheatgrass	25	7	14
Fescue	--	25	--
Needlegrass	10	3	6
Other grasses	5	10	10
Alfalfa	30	20	40
Kochia	--	25	--
Other Forbs	--	10	--
Prickley Pear	5	--	--
Sagebrush	20	--	--
Other shrubs	5	--	--
	Σ = 100	Σ = 100	Σ = 70

DS = $\frac{70}{200}$ = .35, or – – The mid-summer diets and mid-winter diets of cattle are 35% similar to each other.

R6-127-3

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

3620

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Range Area Suitability for Herbivores

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table comparing the percent composition of vegetation in the diet of a herbivore and the percent composition of vegetation in the habitat

USER(s):
Resource Area Manager & Staff
District Manager and Staff

LOCATION(s):
Area Office
District Office
State Office

USAGE:

Used in planning system, ES, Activity plans and management of WH8B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As fecal analyses made or as requested

REQUEST PARAMETERS:
Dist., RA, ES Area, WH8B Area, P.U., Allotment

542

R6-128-1

3620

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Range Area Suitability for Herbivores

SORT ORDER: Dist., RA, ES Area, WH8B Area, P.U., Allotment

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES:
See attachment to output

ACCURACY: Within 2%

SCALE: N/A

ANNOTATIONS: N/A

LEGEND:
N/A

REMARKS:

[illegible]
DSC-1265-100
March-1969

REPORT LAYOUT FORM

LINES PER INCH

Output VII

PROGRAM Resource Inventory 4.3.22.36

#3620

PAGE

DATE

1 STATE
2 DISTRICT
3 PD
4 RA
5 WH+B AREA NO
6 Date

RANGE AREA SUITABILITY FOR HERBIVORES

RANGE NO 3

Plant Species	Range No. 1 Percent in Diet (a)	Range No. 1 Percent Composition (b)	Range No. 1 2w	Range No. 2 Percent in Diet (a)	Range No. 2 Percent Composition (b)	Range No. 2 2w
Brome	8	4	8	6	2	4
Wheatgrass	3	1	2	12	3	6
Fescue	--	--	--	19	5	10
Ricegrass	10	2	4	--	--	--
Sage	10	4	8	--	--	--
Pinyon	2	44	4	--	--	--
Mahogany	5	4	8	6	1	2
Juniper	48	34	68	--	2	--
Aspen	--	1	--	8	33	16
Spruce-Fir	--	--	--	13	33	26
Legumes	6	2	4	16	5	10
Other Forbs	8	4	8	20	16	32
	Σ = 100	Σ = 100	Σ = 114	Σ = 100	Σ = 100	Σ = 106

Habitat Suitability is a comparison between percent composition of vegetative species in the diet and percent composition of vegetative species in the habitat. Habitat suitability will indicate the percent suitability or compatibility of the plant composition in the diet to the botanical composition of the feeding habitat, i.e., which animal is more efficiently adapted to a particular habitat. Habitat suitability can be computed by use of the following formula:

$$HS = \frac{\Sigma(2w)}{\Sigma(a+b)}$$ = where - -
w = The smaller of two shared items
a = percent composition of vegetation in the diet
b = percent composition of vegetation in the habitat.

Computation:

Range No. 1 -- $HS = \frac{114}{200} = .57$

Range No. 2 -- $HS = \frac{106}{200} = .53$

NOTE: Range No. 1 provides the best habitat. The diet was more similar to the habitat on Range 1 than on Range 2.

R6-128-3

3622

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Preference Index for Herbivores

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table showing a comparitive index for each plant species indicating a herbivores preference and based on percent composition of vegetation in diet in relation to percent composition in habitat

USER(s):	LOCATION(s):
Resource Area Manager & Staff	Area Office
District Manager & Staff	District Office

USAGE:

Used in planning system, ES, Activity plans and management of WH8B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:

Once initially, repeat every 5 years or as requested.

DEPENDENCIES:

As fecal analyses are made

REQUEST PARAMETERS:

Dist., RA, ES Area, WH8B Area, P.U., Allotment

545

OUTPUT DESCRIPTION
Page 2 of 2

3622

OUTPUT TITLE: Preference Index for Herbivores

SORT ORDER: Dist., RA, ES Area, WH8B Area, P.U., Allotment

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: Stt attachment to output or data element dictionary

ACCURACY: Within 2%

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

546

R6-129-2

BUREAU OF LAND MANAGEMENT
DSC-1305-100
#3622 March-1969

WH+B 0137

REPORT LAYOUT FORM
6 LINES PER INCH

PROGRAM Resource Inventory 4.2.2.2.2.36.

PAGE ____________

	1	2	3	4	5	6	7	8
1	STATE							
2	DISTRICT							
3	PU				PREFERENCE INDEX FOR HERBIVORES			
4	RA							
5	WH+B AREA		HERBIVORE SPP					
6	NO							
7		PERCENT	PERCENT		PREFERENCE			
8	PLANT SPECIES	IN DIET (a)	COMPOSITION (b)		INDEX			
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								

Dietary Preferance

Preferance Index. Indices of dietary preferance are used to indicate the vegetative species which are highly preferred as food by herbivores. Preference indexes are computed by use of the following formula:

$P = \frac{a}{b}$ -- where -- a = percent composition of vegetation in the diet
b = percent composition of vegetation in the habitat

EXAMPLE:

Plant Species	Percent in Diet (a)	Percent Composition (b)	Preference Index *
Blue grama	20	50	.4
Globe mallow	10	4	2.5
Prickley pear	20	6	3.3
Rabbitbrush	40	20	2.0
Sagebrush	10	20	.5

*Note: Increasing values of Preference indexes indicate greater desirability of a plant species as a source of food.

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

3624

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Mean Preference Index for Herbivores

OUTPUT FORM:

Printout

OUTPUT DESCRIPTION: A table showing the percent composition of plant species in diet of various herbivores in relation to composition of vegetative in habitat and average preference index and mean preference indicating the amount of energy expended by the herbivore in search of food

USER(s):		LOCATION(s):	
	Resource Area Manager & Staff District Manager & Staff		Area Office District Office State Office

USAGE:

Used in planning system, ES, activity plans and management of WH8B and livestock

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every 5 years or as requested

DEPENDENCIES: As fecal analyses made or as requested.

REQUEST PARAMETERS: Dist., RA, ES Area, WH8B Area, P.U., Allotment

548

RG-130-1

3624

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Mean Preference Index for Herbivores

SORT ORDER: Dist., RA, ES Area, WH8B Area, P.U., Allotment

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES:

See attachment to output or data element dictionary

ACCURACY:

Within 2%

SCALE: N/A

ANNOTATIONS:

N/A

LEGEND:

N/A

REMARKS:

#3624

MEAN PREFERENCE INDEX FOR HERBIVORES

PLANT SPECIES	PERCENT IN DIET-ANTELOPE	PERCENT IN DIET-HORSE	PERCENT COMPOSITION	ANTELOPE PREFERENCE INDEX	HORSE PREFERENCE INDEX	HORSE MEAN PREFERENCE INDEX	ANTELOPE MEAN PREFERENCE INDEX

Plant Species	Percent in diet-antelope	Percent in diet-sheep	percent composition	Antelope Preferance Index	Sheep Preferance Index
Blue grama	20	50	60	.3	.8
Globe mallow	10	2	2	5.0	1.0
Prickley pear	20	5	10	2.0	.5
Rabbitbrush	40	20	8	5.0	2.5
Sagebrush	10	23	20	.5	1.2
				= 12.8	= 6.0

Mean Preferance Index. Mean indices of dietary preferance may be used to indicate the relative amount of energy expended by an animal when searching for the foods in its diet. The above example computes the mean preference indices for antelope and sheep on a hypothetical range:

Mean preference index for antelope = $\frac{12.8}{5}$ = 2.6*

Mean preference index for sheep = $\frac{6.0}{5}$ = 1.2*

*Note: As the mean preference index increases above one (1), increasing amounts of energy are used in searching for food. In the above example, antelope would spend more time and energy moving around in search of food.

3630

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Topographic & Man Made Features

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A list of topographic or man made features giving number of each.

USER(s):	Resource Area Manager & Staff District Manager & Staff	LOCATION(s):	Area Office District Office

USAGE:
Used in planning system, ES, activity plans and management of WH8B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once originally. Repeat every 5 years or as requested.

DEPENDENCIES: As URA prepared or updated, ES or activity plans prepared or as requested

REQUEST PARAMETERS: Dist., RA, ES Area, WH8B Area, P.U., Allotment

551

R6-131-1

OUTPUT DESCRIPTION
Page 2 of 2

3630

OUTPUT TITLE: Topographic & Man Made Features

SORT ORDER: Dist., RA, ES Area, WH8B Area, P.U., Allotment

ESTIMATED VOLUME: 30 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY:

N/A

SCALE:

N/A

ANNOTATIONS: N/A

LEGEND:

N/A

REMARKS: Can this form be replaced by other similar outputs?

552

R6-131-2

BUREAU OF LAND MANAGEMENT
DSC 1265-1
#3630 March, 1969

4.2.2.2.4.2

REPORT LAYOUT FORM
6 LINES PER INCH

Output II

PROGRAM RESOURCE INVENTORY

PAGE

DATE

STATE
DISTRICT
RA
PU
HORSE OR BURRO AREA NAME
HORSE OR BURRO AREA NUMBER

TOPOGRAPHIC AND MAN MADE FEATURES

	UNIT	NUMBER
WATER SOURCES	EA.	
SALT LICKS	EA.	
MINES	EA.	
FENCES	MI.	
ROADS	MI	
TRAILS, 4X4 VEHICLE	MI	
NATURAL BARRIERS	MI	

GPO 889-800

R6-131-3

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

3640

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Human Activities

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing the different kinds of human activities on a WH or B Area

USER(s):	Resource Area Manager & Staff District Manager & Staff	LOCATION(s):	Area Office District Office

USAGE:

Used in planning system, ES activity plans and management of WH&B

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED:	2 days	REQUIRED:	1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every 5 years or as requested.

DEPENDENCIES:

As URA prepared or updated as ES or activity plans prepared

REQUEST PARAMETERS:

Dist., RA, ES Area, WH8B Area, P.U., Allotment

554

R6-132-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Human Activities

SORT ORDER: Dist., RA, ES Area, WH8B Area, P.U., Allotment

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 5%

SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See Sample

REMARKS:

#3640

STATE __________

DISTRICT __________

RA __________

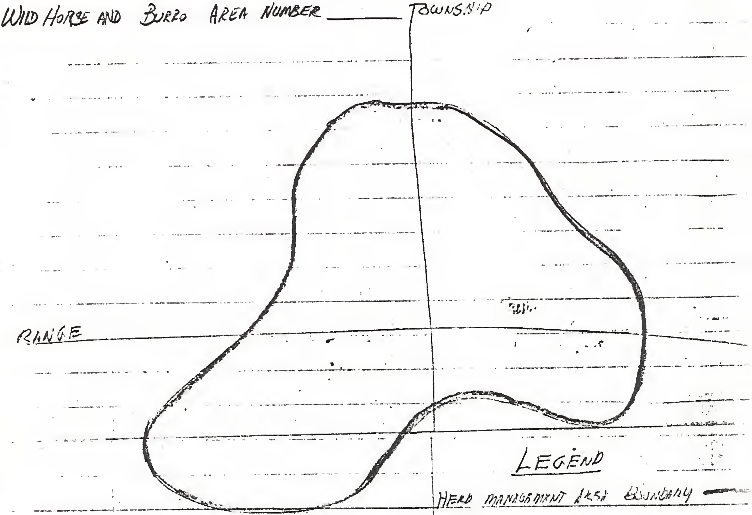
PU __________

HUMAN ACTIVITIES

MAP FOR HERD MANAGEMENT AREAS

WILD HORSE AND BURRO AREA NAME __________

WILD HORSE AND BURRO AREA NUMBER __________



LEGEND

HERD MANAGEMENT AREA BOUNDARY	━━
RECREATION AREAS	——
ORV USE AREA	/////
PRESENT ROAD SYSTEM	═══
PROPOSED ROAD SYSTEM	- - - -
HUNTING AREAS	≋
NATURAL OVERLOOKS	⌒
FISHING AREAS	—·—·—
DWELLINGS	▲

Use standard symbols where possible

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

3650

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Temperature Extremes

OUTPUT FORM:

Graph

OUTPUT DESCRIPTION: A graph with degree F on X axis and calender months along the V axis showing maximum and minimum temperatures for the year.

USER(s):	Resource Area Manager & Staff District Manager & Staff	LOCATION(s):	Area Office District Office

USAGE:

Used in planning system, ES, activity plans

ACCESS LIMITATIONS:

None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: Dist. RA, ES Area, WH8B Area, P.U. Allotment

3650

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Temperature Extremes

SORT ORDER: Dist., RA, ES Area, WH8B Area, P.U. Allotment

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: Within 2%

SCALE:

N/A

ANNOTATIONS: None

LEGEND: N/A

REMARKS:

BUREAU OF LAND MANAGEMENT
DSC-1265-100 Out Put #1 4222 44
March-1969

REPORT LAYOUT FORM
6 LINES PER INCH

Output I

#3650 PROGRAM Resource Inventory WH&B 0137

PAGE

DATE

TITLE: TEMPERATURE EXTREMES

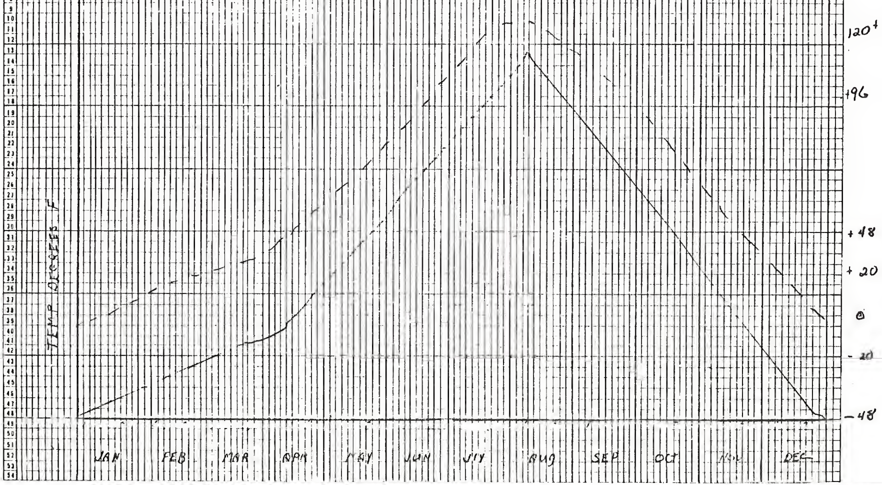
Monthly Maximum [illegible] TEMPERATURE

WILD HORSE AND BURRO AREA NAME
WILD HORSE AND BURRO AREA NUMBER

MAXIMUM — — — —

MINIMUM ————

YEAR 19—



R6-133-3

559

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8/22/77

3652

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Biweekly Precipitation

OUTPUT FORM: Graph

OUTPUT DESCRIPTION: A graph with inches of precipitation on the X axis and the 1st & 15th of calender months along the Y axis for year

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE:
Used in Planning System, ES, Activity Plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION:
Once initially, repeat every 5 years or as requested.

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS:
Dist., RA, ES Area, WH8B Area, P.U. Allotment

R6-134-1

560

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Biweekly Precipitation

SORT ORDER: Dist., RA, ES Area, WH8B Area, P.U. Allotment

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: Within 2%

SCALE: Same as base map

ANNOTATIONS:

None

LEGEND:

None

REMARKS:

561

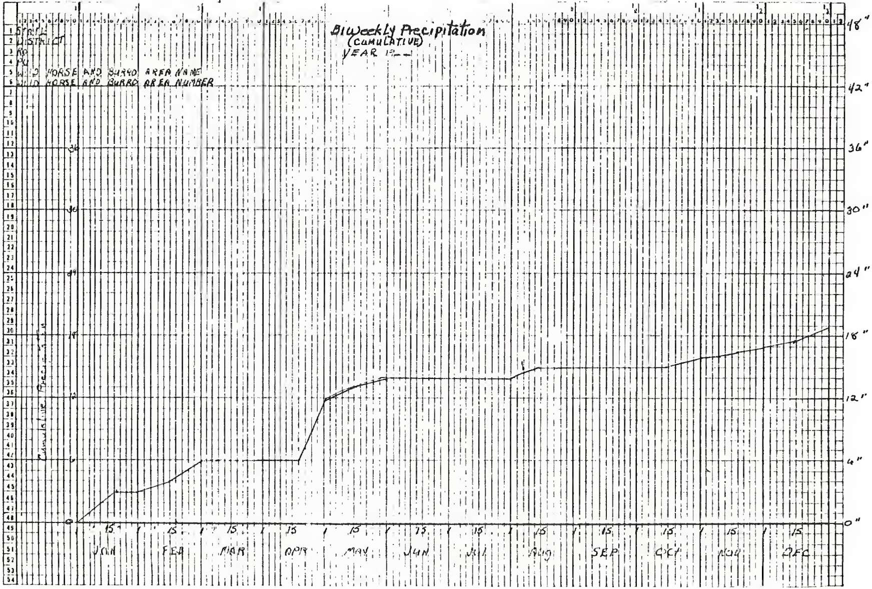
R6-134-2

#3652 [illegible] [illegible]422244 output #2
March-1969

REPORT LAYOUT FORM
6 LINES PER INCH

Output II

PROGRAM Resource Inventory WH4B0137 (GRAPH) PAGE DATE



R6-134-3

3654

Prog. Area: 0137--WH8B
Prep. By: JC/NW
Date: 7-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Precipitation and Seasonal Distribution

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving the precipitation by the four seasons and annual for years of record.

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office, District Office

USAGE: Used in planning system, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every 5 years or as requested.

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

R6-135-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Precipitation and Seasonal Distribution

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

[illegible]
[illegible] 3
#3654 March 1969

REPORT LAYOUT FORM

6 LINES PER INCH

Output III

PROGRAM Resource Inventory [illegible] PAGE DATE

PRECIPITATION AND SEASONAL DISTRIBUTION

STATE
DISTRICT
RA
PU
[illegible] NAME
[illegible] NUMBER

PRECIPITATION

YEAR	WINTER DEC - FEB	SPRING MAR - MAY	SUMMER JUN - AUG	FALL SEP - NOV	Precipitation ANNUAL TOTAL
1961	XX.X	XX.X	XX.X	XX.X	XX.X
1962					
1963					
1964					

R6-135-3

565

3660

Prog. Area: 0137-WH8B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Associated Animal Species

OUTPUT FORM: Printout

OUTPUT DESCRIPTION: A table giving the number of animals, the percent of their habitat in WH&Barea, acres of forage consumed, gallons of water consumed by each animal species

USER(s): Resource Area Manager and LOCATION(s): Area Office; District Office Staff;, District Manager and Staff

USAGE: Used in planning syste, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

R6-136-1

3660

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Associated Animal Species

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

R6-136-2

BUREAU OF LAND MANAGEMENT
DSC-1265-100
March-1969

REPORT LAYOUT FORM

6 LINES PER INCH

#3660

PROGRAM Resource Inventory. 4.2.2.2.4.6

PAGE 1

DATE 1-13-77

STATE
DISTRICT
PU
RA
WH AREAS + No
WB AREAS : NAME

ASSOCIATED ANIMAL SPECIES

ANIMALS	COWS	SHEEP	GOATS	DEER	ELK	ANTELOPE	BIG HORN SHEEP	MOUNTAIN LION
NUMBER	200	50	2	50	10			
% ACRES OF HABITAT IN WH+B AREA	100	10	03	43	05			
AUM OF FORAGE CONSUMED	6,000	300	40	200	25			
GALLONS OF WATER CONSUMED	2,000	50	10	50	10			

Note: LIST OF Associated ANimal Species should only include those present on the input form.

R6-136-3

GPO 849-002

3662

Prog. Area: 0137 - WH8B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Associated Animal Species

OUTPUT FORM: Map Overlay

OUTPUT DESCRIPTION: An overlay showing boundaries of the habitat of different animal species

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotments

R6-137-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Associated Animal Species

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 5%

SCALE: Same as Base Map

ANNOTATIONS: None

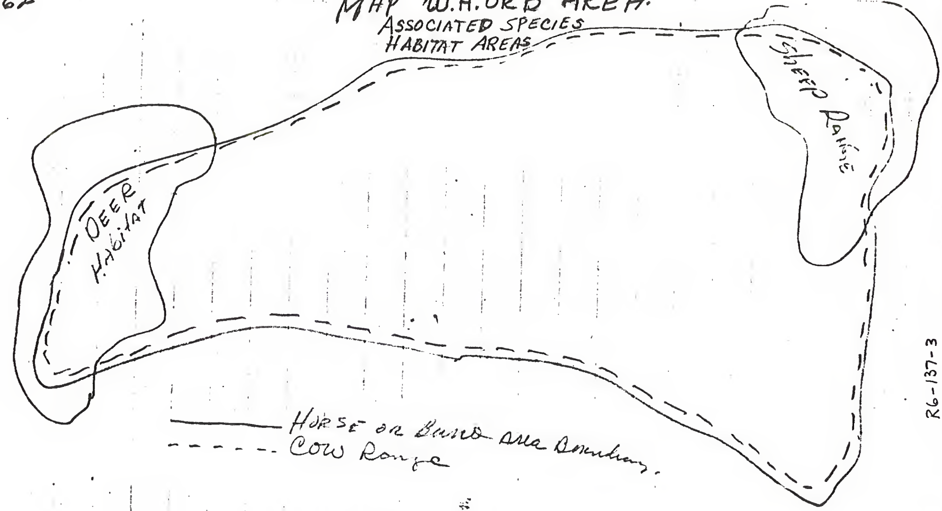
LEGEND: See sample

REMARKS: None

#3662

MAP W.H. or B AREA.

ASSOCIATED SPECIES
HABITAT AREAS



R6-137-3

3670

Prog. Area: 0137 - WH &B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH&B Area Boundaries

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: Boundary of WH&B area at present and as of 12/15/71

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office State Office

USAGE: Used in planning system, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

R6-138-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH&B Area Boundaries

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 50 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 5%

SCALE: Same as Base Map

ANNOTATIONS: None

LEGEND: See sample

REMARKS: None

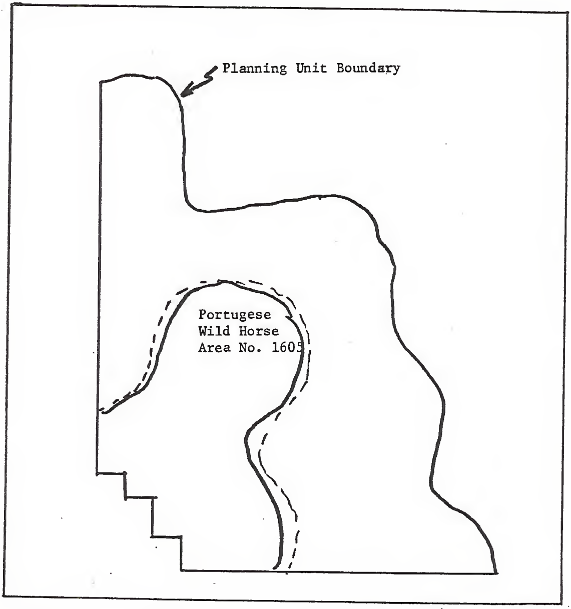
TABLE 3670

WH & B AREA BOUNDARIES

Date: ____________ R. A.: ____________

State: ____________ Planning Unit: ______

District: __________



- - - - - - - - Wild H & B Area as of 12/15/71

———— Wild H & B Area (present)

Narrative. Discuss:

(1) Population History. Discuss rationale used to determine the wild horse and burro areas as of December 15, 1971. Where present wild horse or burro areas do not correspond, discuss the reasons why, if known. If data is available, discuss horse/burro population history prior to December 15, 1971.

(2) Seasonal Use Areas. Discuss season of use and utilization and migration pattern. Discuss foaling areas, if identifiable.

(3) Physical Characteristics. Discuss physical characteristics of the animals such as colors, size, and conformation.

(4) Habitat or Land Use Problems. By wild horse and burro area, discuss known problems resulting from external influences such as mining activity, timber harvest, ORV use, hunting, etc. Discuss the effect fences or other man-made physical features are having on herd movements.

(5) Population Condition. By wild horse and burro area, discuss population condition and reason for present condition, if known. Discuss reproduction capacity.

(6) Protection. Discuss local resident attitudes and problems associated with Act enforcement, ORV use, access, fire, etc.

3672

Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH&B Crucial Areas

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: Shows seasonal use areas, movement patterns of WH&B crucial areas.

USER(s): Resource Area Managers and Staff; District Managers and Staff LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotments

R6-139-1

576

3672

OUTPUT DESCRIPTION

Page 2 of 2

OUTPUT TITLE: WH&B Crucial Areas

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 50 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 5%

SCALE: Same as Base Map

ANNOTATIONS: None

LEGEND: See sample

REMARKS: None

R6-139-2

TABLE 3672

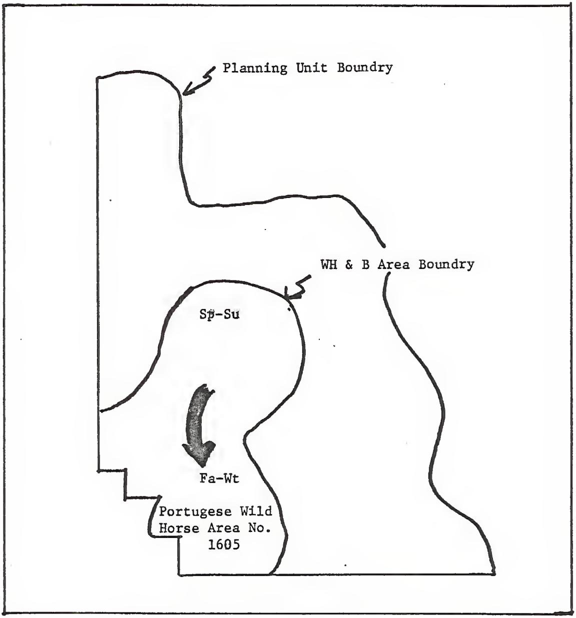
WH & B CRUCIAL AREAS

Date: ________________ Planning Unit: ________

State: ______________

District: __________

R. A.: ______________



Crucial Areas

Sp-Su-Wt-Fa	Seasonal Use Areas
⇒	Movement Patterns

Narrative. Discuss:

(1) Population History. Discuss rationale used to determine the wild horse and burro areas as of December 15, 1971. Where present wild horse or burro areas do not correspond, discuss the reasons why, if known. If data is available, discuss horse/burro population history prior to December 15, 1971.

(2) Seasonal Use Areas. Discuss season of use and utilization and migration pattern. Discuss foaling areas, if identifiable.

(3) Physical Characteristics. Discuss physical characteristics of the animals such as colors, size, and conformation.

(4) Habitat or Land Use Problems. By wild horse and burro area, discuss known problems resulting from external influences such as mining activity, timber harvest, ORV use, hunting, etc. Discuss the effect fences or other man-made physical features are having on herd movements.

(5) Population Condition. By wild horse and burro area, discuss population condition and reason for present condition, if known. Discuss reproduction capacity.

(6) Protection. Discuss local resident attitudes and problems associated with Act enforcement, ORV use, access, fire, etc.

3674

Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Features Affecting WH&B Herd Movement

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: Shows features such as fences, roads, etc., restricting the movement of WH&B.

USER(s): Resource Area Manager and LOCATION(s): Area Office; District Office Staff; District Manager and Staff

USAGE: Used in planning system, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plan written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

R6-140-1

580

3674

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Features Affecting WH&B Herd Movement

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 5%

SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See sample

REMARKS: None

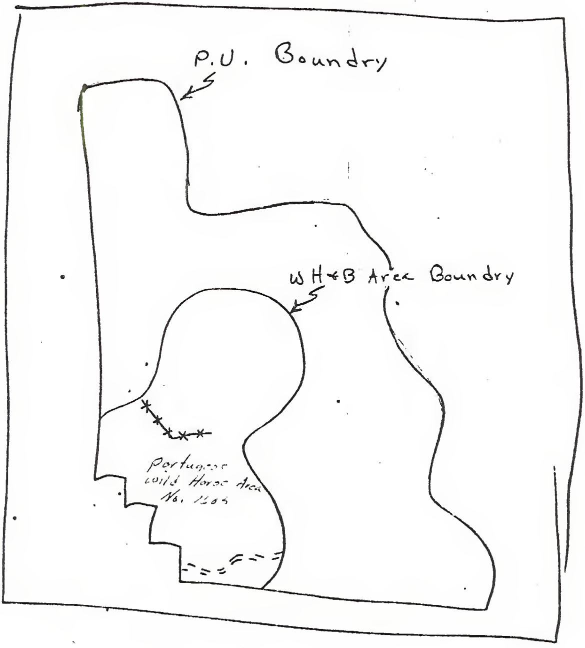
R6-140-2

3674

4.2.2.3.1 Output 3

Step 3 URA

Date:
State:
District:
R.A.:
P.U.:



Title: Features Adverealy Affecting WH&B Herd Movements

-x-x-x- Fences
= = Roads

582

R6-140-3

Narrative. Discuss:

(1) Population History. Discuss rationale used to determine the wild horse and burro areas as of December 15, 1971. Where present wild horse or burro areas do not correspond, discuss the reasons why, if known. If data is available, discuss horse/burro population history prior to December 15, 1971.

(2) Seasonal Use Areas. Discuss season of use and utilization and migration pattern. Discuss foaling areas, if identifiable.

(3) Physical Characteristics. Discuss physical characteristics of the animals such as colors, size, and conformation.

(4) Habitat or Land Use Problems. By wild horse and burro area, discuss known problems resulting from external influences such as mining activity, timber harvest, ORV use, hunting, etc. Discuss the effect fences or other man-made physical features are having on herd movements.

(5) Population Condition. By wild horse and burro area, discuss population condition and reason for present condition, if known. Discuss reproduction capacity.

(6) Protection. Discuss local resident attitudes and problems associated with Act enforcement, ORV use, access, fire, etc.

3676

Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH&B Observation Points

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: An overlay showing points from which WH&B's can be viewed.

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

584

R6-141-1

3676

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH&B Ovservation Points

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 2%

SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See sample

REMARKS: None

-85

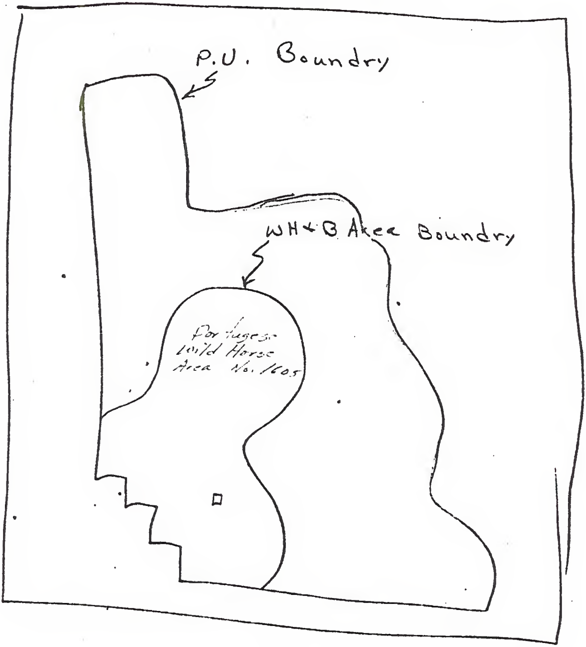
R6-141-2

3676 4.2.2.3.1

Output 4
Step 3 URA

Date :
State :
District :
R.A. :
P.U. :

OBSERVATION POINTS



□ Viewpoints From which WH&B's Can be Observed

R6-141-3

Narrative. Discuss:

(1) Population History. Discuss rationale used to determine the wild horse and burro areas as of December 15, 1971. Where present wild horse or burro areas do not correspond, discuss the reasons why, if known. If data is available, discuss horse/burro population history prior to December 15, 1971.

(2) Seasonal Use Areas. Discuss season of use and utilization and migration pattern. Discuss foaling areas, if identifiable.

(3) Physical Characteristics. Discuss physical characteristics of the animals such as colors, size, and conformation.

(4) Habitat or Land Use Problems. By wild horse and burro area, discuss known problems resulting from external influences such as mining activity, timber harvest, ORV use, hunting, etc. Discuss the effect fences or other man-made physical features are having on herd movements.

(5) Population Condition. By wild horse and burro area, discuss population condition and reason for present condition, if known. Discuss reproduction capacity.

(6) Protection. Discuss local resident attitudes and problems associated with Act enforcement, ORV use, access, fire, etc.

3678

Prog. Area: 0137 - WH&B
Prep. By: ~~JC/NW~~
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH&B Detrimental External Influences

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: An overlay depicting the location of any detrimental influences on WH&B's.

USER(s): Resource Area Manager and LOCATION(s): Area Office; District Office Staff; District Manager and Staff

USAGE: Used in planning syste, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotments

R6-142-1

3678

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH&B Detrimental External Influences

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 2%

SCALE: Same as base map

ANNOTATIONS: None

LEGEND: see sample

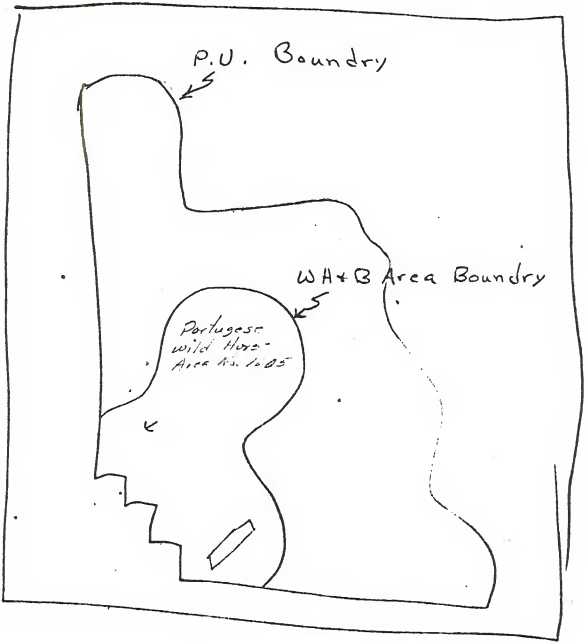
REMARKS: None

3678 4.2.2.3.1 Output 5

Step 3 URA

Date :
State
District
R.A.
P.U.

WH&B DETRIMENTAL EXTERNAL INFLUENCES



External Influences Having Detrimental Effects on WH+B's

▭ - ORV use Area

↙ - Mining Area

Narrative. Discuss:

(1) Population History. Discuss rationale used to determine the wild horse and burro areas as of December 15, 1971. Where present wild horse or burro areas do not correspond, discuss the reasons why, if known. If data is available, discuss horse/burro population history prior to December 15, 1971.

(2) Seasonal Use Areas. Discuss season of use and utilization and migration pattern. Discuss foaling areas, if identifiable.

(3) Physical Characteristics. Discuss physical characteristics of the animals such as colors, size, and conformation.

(4) Habitat or Land Use Problems. By wild horse and burro area, discuss known problems resulting from external influences such as mining activity, timber harvest, ORV use, hunting, etc. Discuss the effect fences or other man-made physical features are having on herd movements.

(5) Population Condition. By wild horse and burro area, discuss population condition and reason for present condition, if known. Discuss reproduction capacity.

(6) Protection. Discuss local resident attitudes and problems associated with Act enforcement, ORV use, access, fire, etc.

3680

Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH&B Numbers and Acres by Ownership

OUTPUT FORM: Printout and Narrative

OUTPUT DESCRIPTION: a table showing WH&B numbers by various land ownerships by WH&B areas

USER(s): Resource Area Manager And LOCATION(s): Area Office; District Office Staff; District Manager and Staff

USAGE: Used in planning system, ES, activity plans

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

3680

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: WH&B numbers and acres by ownership

SORT ORDER: same as request parameter

ESTIMATED VOLUME: 25 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: Can this be combined with other land ownership forms?

#3680

4.2.2.3.1

Output 6

Step 3URA

RA —

District —

State —

Wild Horse/Burro Area Numbers and Acres by Ownership

Wild Horse/Burro Area Name/No. 1	Approximate Numbers				Acres					Inventory Date
	Adults	Age Class Yearlings	Young	Total	BLM	Other Fed.	State	Pvt.	Total	
East Kiger 138	150	10	20	130	3500	—	320	640	4460	7/8/74
Malheur 139	75	8	13	96	5120	—	640	1000	6760	7/15/75
Totals										

R6-143-3.

Narrative. Discuss:

(1) Population History. Discuss rationale used to determine the wild horse and burro areas as of December 15, 1971. Where present wild horse or burro areas do not correspond, discuss the reasons why, if known. If data is available, discuss horse/burro population history prior to December 15, 1971.

(2) Seasonal Use Areas. Discuss season of use and utilization and migration pattern. Discuss foaling areas, if identifiable.

(3) Physical Characteristics. Discuss physical characteristics of the animals such as colors, size, and conformation.

(4) Habitat or Land Use Problems. By wild horse and burro area, discuss known problems resulting from external influences such as mining activity, timber harvest, ORV use, hunting, etc. Discuss the effect fences or other man-made physical features are having on herd movements.

(5) Population Condition. By wild horse and burro area, discuss population condition and reason for present condition, if known. Discuss reproduction capacity.

(6) Protection. Discuss local resident attitudes and problems associated with Act enforcement, ORV use, access, fire, etc.

3690

Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Potential Herd Management Areas

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: An overlay showing the boundaries of potential herd management areas.

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office
District Office

USAGE: Used in planning system, ES, activity plans, management of WH&B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, ES or activity plans written

REQUEST PARAMETERS: District, RA, ES area, WH&B Area, P.U. allotment

R6-144-1

596

3690

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Potential Herd Management Areas

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 2%

SCALE: Same as base map

ANNOTATIONS: None

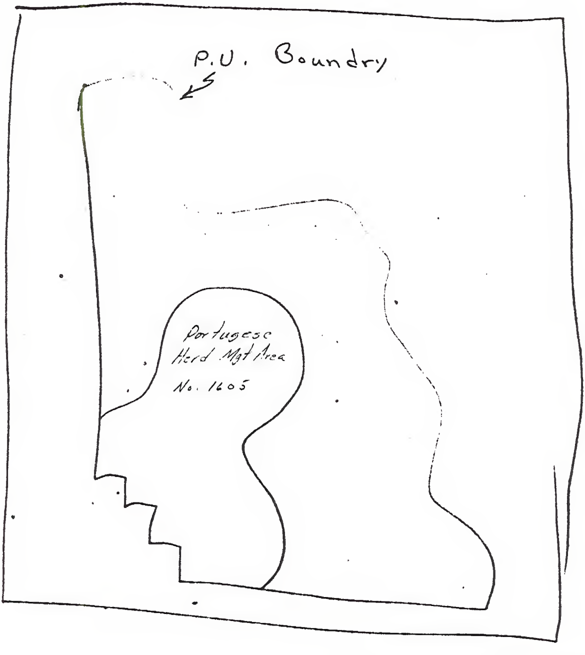
LEGEND: See sample

REMARKS: None

R6-144-2

3690 4.2.2.3.2 Output 1
Step 4 URA

Date
State
District
R.A.
P.U.



——·—— potential Herd Mgt. Are

Narrative.

(1) Habitat Improvement Areas. Discuss various combinations of natural and land treatment opportunities which would best improve forage condition. Discuss the relative time frame for results from each treatment or combination thereof.

(2) Water Development Potential. Discuss importance and need for maintaining or increasing water available for wild horses or burros. Discuss methods to be used (i.e., drilling wells, pipelines, storage, etc.).

(3) Wild Horse and Burro Facilities. Discuss and describe specific facilities identified on overlay. Discuss and describe other facilities not shown on overlay such as protable capture corrals, etc.

(4) Living Space. Discuss living space needed to maintain a quality free-roaming environment for wild horses and burros. Relate living space to home ranges and/or seasonal use areas and discuss for each herd management area.

(5) Conflicting Uses. Discuss any conflicting land uses and need for reducing or elimainating them.

(6) Population Improvement. Discuss opportunities to improve existing population condition, e.g., increase or decrease reproductive capacity, improve physical condition by introducing new blood lines, change or perpetuate a particular color, type, etc.

3692

Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Natural Habitat Improvement Areas

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: An overlay showing the boundaries of habitat areas to be improved by management only

USER(s): Resource Area Manager and Staff; District Manager and STaff LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES, activity plans, management of WH&B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared or updated, ES written or activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

R6-145-1

600

3692

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Natural Habitat Improvement Areas

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 5%

SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See sample

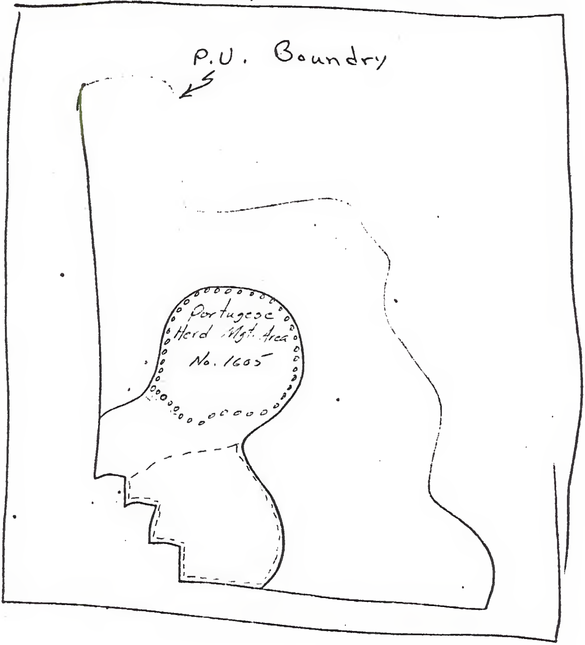
REMARKS: None

3692 4.2.2.3.2

Output 2
Step 4 URA

State
District
R.A.
P.U.

Habitat Improvement Areas – Natural



- Livestock Reduction

ooooo – Change in season of Livestock Use (sp, su to wt, fa)

R6-145-3

Narrative.

(1) Habitat Improvement Areas. Discuss various combinations of natural and land treatment opportunities which would best improve forage condition. Discuss the relative time frame for results from each treatment or combination thereof.

(2) Water Development Potential. Discuss importance and need for maintaining or increasing water available for wild horses or burros. Discuss methods to be used (i.e., drilling wells, pipelines, storage, etc.).

(3) Wild Horse and Burro Facilities. Discuss and describe specific facilities identified on overlay. Discuss and describe other facilities not shown on overlay such as protable capture corrals, etc.

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3694

Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Artificial Habitat Improvement Areas

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: An overlay depicting areas of land treatment for improving the habitat

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES, activity plans, management of WH&B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared or updated, ES wiritted or activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

R6-146-1

604

3694

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Artificial Habitat Improvement Areas

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 2%

SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See sample

REMARKS: None

605

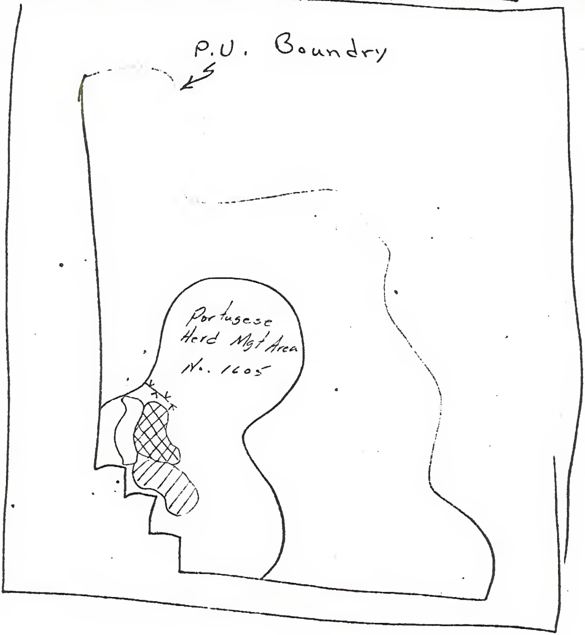
R6-146-2

3694 4.2.2.3.2

Output 3
Step 4 URA

State
District
R.A.
P.U.

Habitat Improvement Areas, - Artificial
~~Artificial Potential Opportunities - WH&B~~



- ○ chain and seed
- ▨ Spray
- ▦ Burn and Seed
- ⨯⨯ Fence Removal

Narrative.

(1) Habitat Improvement Areas. Discuss various combinations of natural and land treatment opportunities which would best improve forage condition. Discuss the relative time frame for results from each treatment or combination thereof.

(2) Water Development Potential. Discuss importance and need for maintaining or increasing water available for wild horses or burros. Discuss methods to be used (i.e., drilling wells, pipelines, storage, etc.).

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3696

Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Potential Water Developments

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: An overlay showing the location of various types of water development

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in Planning System, ES, activity plans, management of WH&B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared, or updated, ES written or activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

R6-147-1

OUTPUT DESCRIPTION
Page 2 of 2

3696

OUTPUT TITLE: Potential Water Developments

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 5%

SCALE: Same as base map

ANNOTATIONS: None

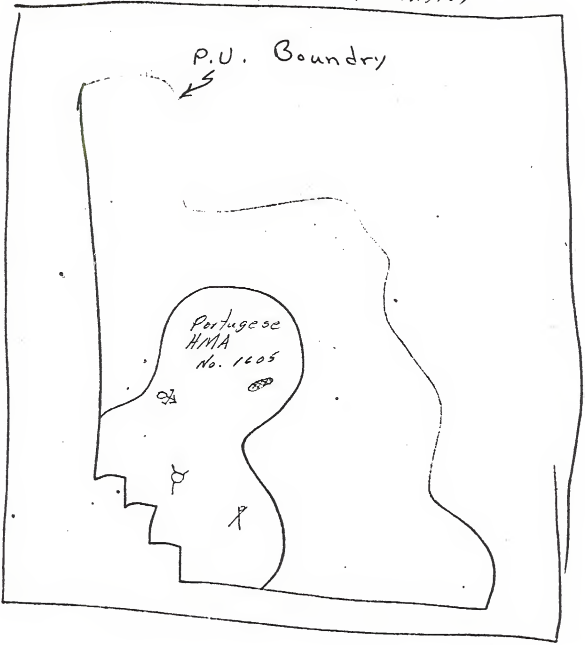
LEGEND: See sample

REMARKS: None

Output 4
Step 4 URA

State
District
R.A.
P.U.

Water Development Potential



Spring Development
Reservoir
Well
Catchment

Narrative.

(1) Habitat Improvement Areas. Discuss various combinations of natural and land treatment opportunities which would best improve forage condition. Discuss the relative time frame for results from each treatment or combination thereof.

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3698

Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Potential WH&B Facilities

OUTPUT FORM: Map Overlay and Narrative

OUTPUT DESCRIPTION: An overlay showing the location of facilities of various types

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in Planning Syste, ES, Activity plans, management of WH&B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every 5 years or as requested

DEPENDENCIES: As URA prepared or updated, ES written or activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

612

R6-148-1

3698

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Potential WH&B Facilities

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: Within 5%

SCALE: Same as base map

ANNOTATIONS: None

LEGEND: See sample

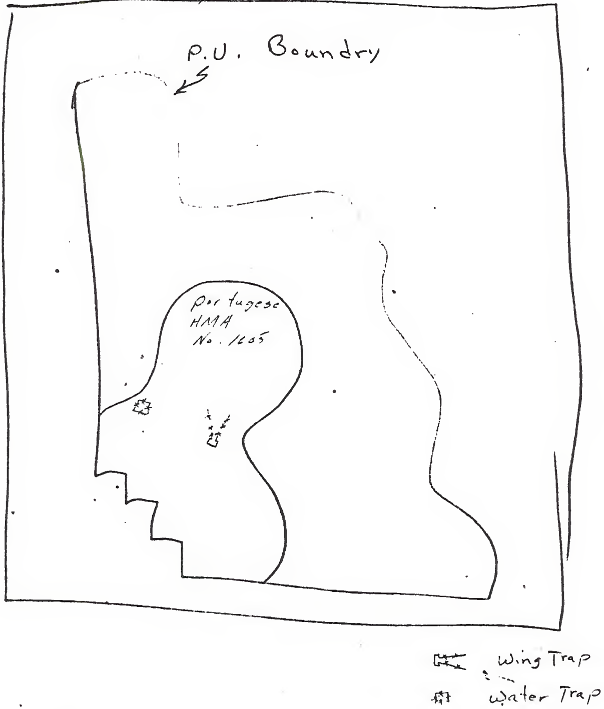
REMARKS: None

3698 4.2.2.3.2

Output 5
Step 4 URA

State
District
R.A.
P.U.

Wild Horse/Burro Facilities



Narrative.

(1) Habitat Improvement Areas. Discuss various combinations of natural and land treatment opportunities which would best improve forage condition. Discuss the relative time frame for results from each treatment or combination thereof.

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Prog. Area: 0137 - WH&B
Prep. By: JC/NW
Date: 8-22-77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: Opportunities for Development of Herd Management Area

OUTPUT FORM: Printout and Narrative

OUTPUT DESCRIPTION: A table listing the quantity and tyoe of all range improvements (land treatment, facilities, water developments)

USER(s): Resource Area Manager and Staff; District Manager and Staff

LOCATION(s): Area Office; District Office

USAGE: Used in planning system, ES, activity plans, management of WH&B and livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially, repeat every 5 years or as requested

DEPENDENCIES: As URA prepared or updated, ES written or activity plans prepared

REQUEST PARAMETERS: District, RA, ES area, WH&B area, P.U. allotment

616

R6-149-1

OUTPUT DESCRIPTION
Page 2 of 2

OUTPUT TITLE: Opportunities for Development of Herd Management Area

SORT ORDER: Same as request parameter

ESTIMATED VOLUME: 40 pages annually

COMPUTATIONS/PROCESSES: None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS: None

#3700

BUREAU OF LAND MANAGEMENT
DSC 1265-1
March, 1969

Output ~~7~~
Step 4 URA

4.2.2 3.2

REPORT LAYOUT FORM

6 LINES PER INCH

PROGRAM

PAGE

DATE

State
D.P.
RA
F.Y.

Potential Herd Management Areas + Opportunities For Development

	Fences			Water Development					Land Treatment						Facilities		
	Construct Miles	Remove Miles	Modify Miles	Reservoirs No. Gal.	Springs No. Gal.	Catchments No. Gal	Pipelines Miles	Wells No. Gal	Burn Acres	Plow & Seed Acres	Brush Beat Acres	Spray Acres	Chain Acres	Seed Acres	Wing Trap No.	Water Trap No.	Corrals No.
WH&B HMA Unit/No.																	

R6-149-3

618

Narrative.

(1) Habitat Improvement Areas. Discuss various combinations of natural and land treatment opportunities which would best improve forage condition. Discuss the relative time frame for results from each treatment or combination thereof.

(2) Water Development Potential. Discuss importance and need for maintaining or increasing water available for wild horses or burros. Discuss methods to be used (i.e., drilling wells, pipelines, storage, etc.).

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R6-149-4

3702

Prog. Area: 0137-WH&B
Prep. By: JC/NW
Date: 8/22/77

OUTPUT DESCRIPTION
Page 1 of 2

OUTPUT TITLE: WH&B Herd Management Area Numbers & Uses

OUTPUT FORM: Printout and Narrative

OUTPUT DESCRIPTION:

USER(s): Resource Area Manager & Staff
District Manager & Staff

LOCATION(s): Area Office
District Office

USAGE:

Used in Planning System, ES, Activity Plans, Management of WH&B and Livestock

ACCESS LIMITATIONS: None

RESPONSE TIMES: DESIRED: 2 days REQUIRED: 1 week

FREQUENCY OF PRODUCTION: Once initially. Repeat every 5 years or as requested

DEPENDENCIES: As URA prepared or updated, ES written or activity plans prepared

REQUEST PARAMETERS:

Dist, RA, ES Area, WH&B Area, P.U. Allotment

620

R6-150-1

OUTPUT DESCRIPTION
Page 2 of 2

3702
OUTPUT TITLE: WH&B Herd Management Area Numbers & Uses

SORT ORDER: Dist, RA, ES Area, WH&B Area, P.U. Allotment

ESTIMATED VOLUME: 40 page annually

COMPUTATIONS/PROCESSES:

None

ACCURACY: N/A

SCALE: N/A

ANNOTATIONS: N/A

LEGEND: N/A

REMARKS:

Narrative Structure Attached

621

R6-150-2

#3702

BUREAU OF LAND MANAGEMENT
DSC 1265-1
March, 1969

4.2.2.3.2

Output 6
Step 4 URA

REPORT LAYOUT FORM

6 LINES PER INCH

PROGRAM ______

PAGE ______

1 State
2 District
3 RA
4 PU
5 Date

6 Wild Horse/Burro Herd Management Areas
7 Numbers and Use

Herd Mgt Area Name/No	Approximate Numbers				Acres					
	Adults	Yearlings	Young	Total	BLM	Other Fed	State	Pvt	Total	Inventory Date
Portugese Mtns										

R6-150-3

622

Narrative.

(1) Habitat Improvement Areas. Discuss various combinations of natural and land treatment opportunities which would best improve forage condition. Discuss the relative time frame for results from each treatment or combination thereof.

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